

LIVESTOCK MARKETING

OUTLOOK, SEASONALS, CYCLES, TRENDS, ETC.

BEEF, HOGS, POULTRY

by

Allan E. Lines

Prepared for:

Statewide Livestock Marketing In-Service
October 15, 1996
Ohio State University
Columbus, Ohio

COMMODITY OUTLOOK

CORN

Ending Stocks
 World Coarse Grains
 U.S. Corn
Supply and Use
Ohio Average Price

SOYBEANS

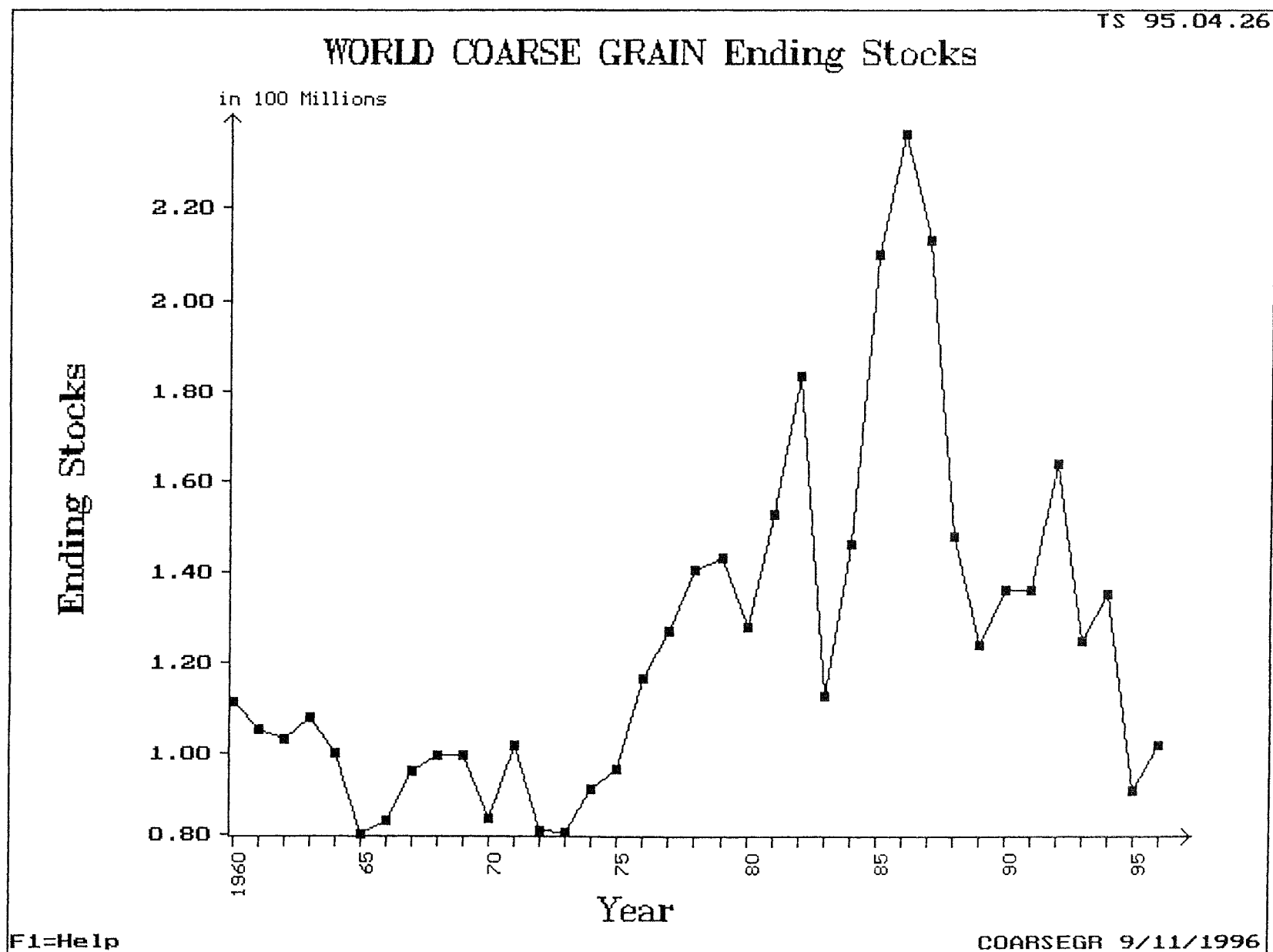
Ending Stocks
 World Total Seed
 U.S. Soybeans
Supply and Use
Ohio Average Prices

HOGS

Commercial Pork Production
Forecasts

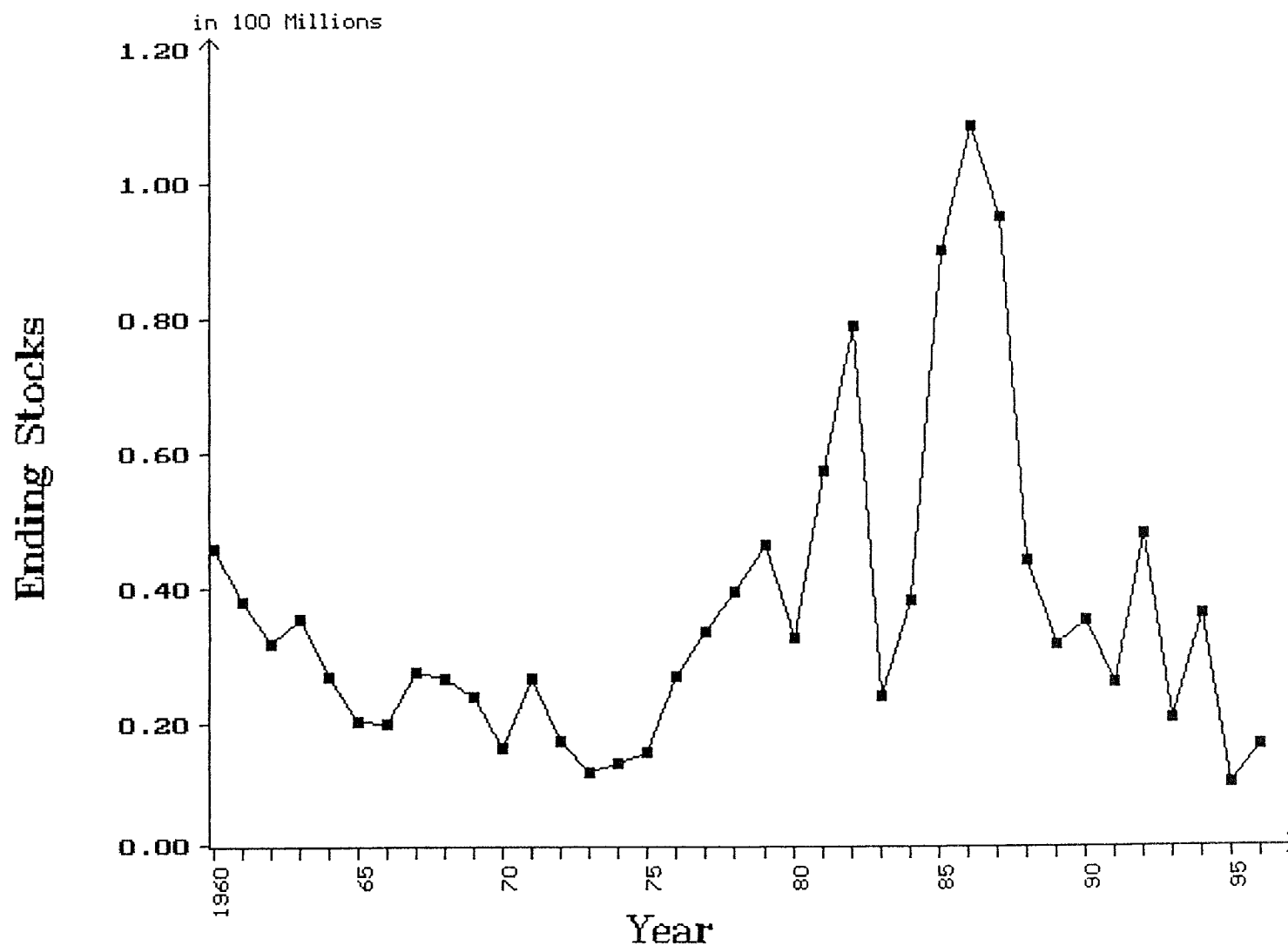
BEEF

Inventory
Production
Forecasts



TS 95.04.26

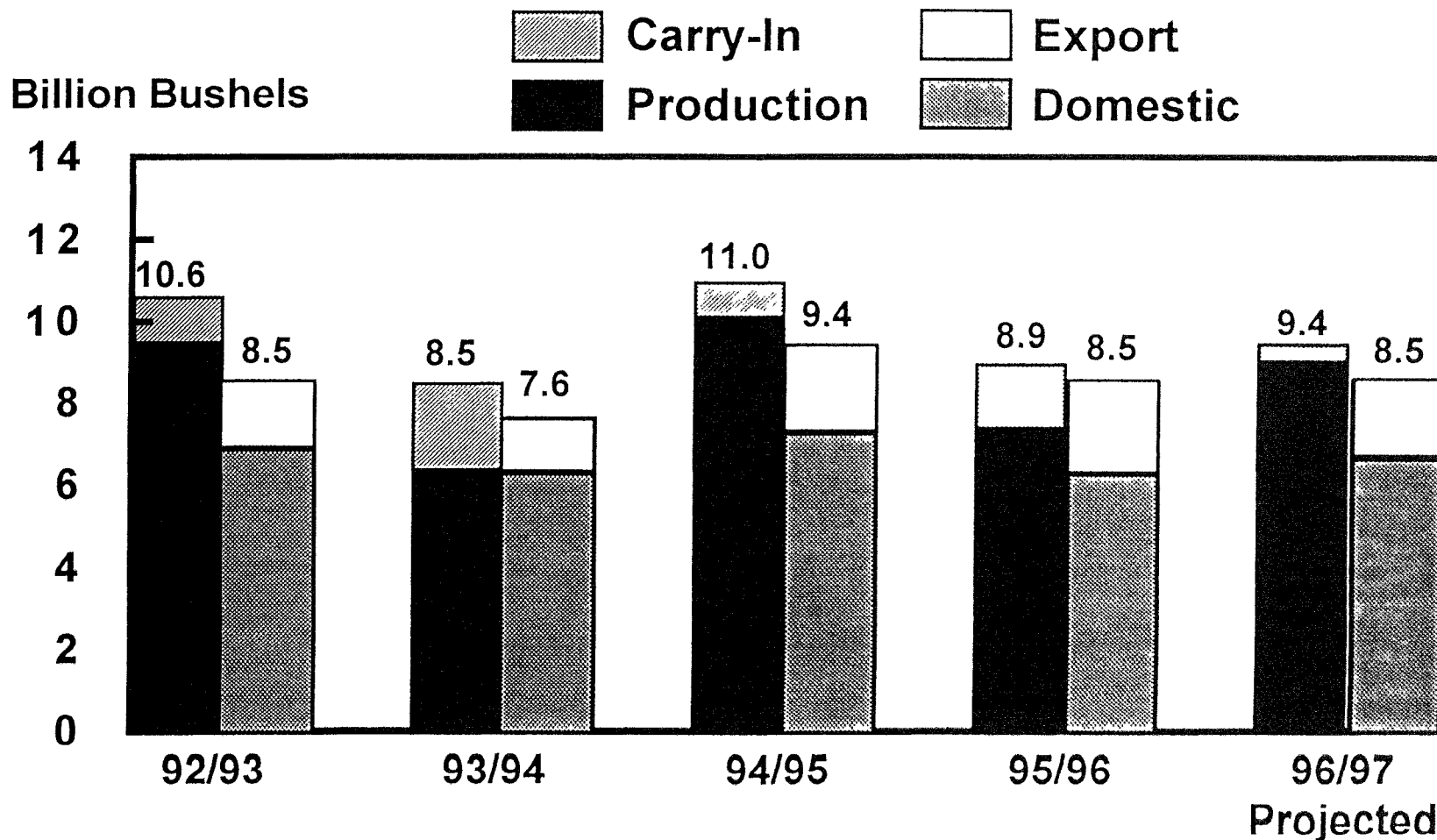
UNITED STATES CORN Ending Stocks



F1=Help

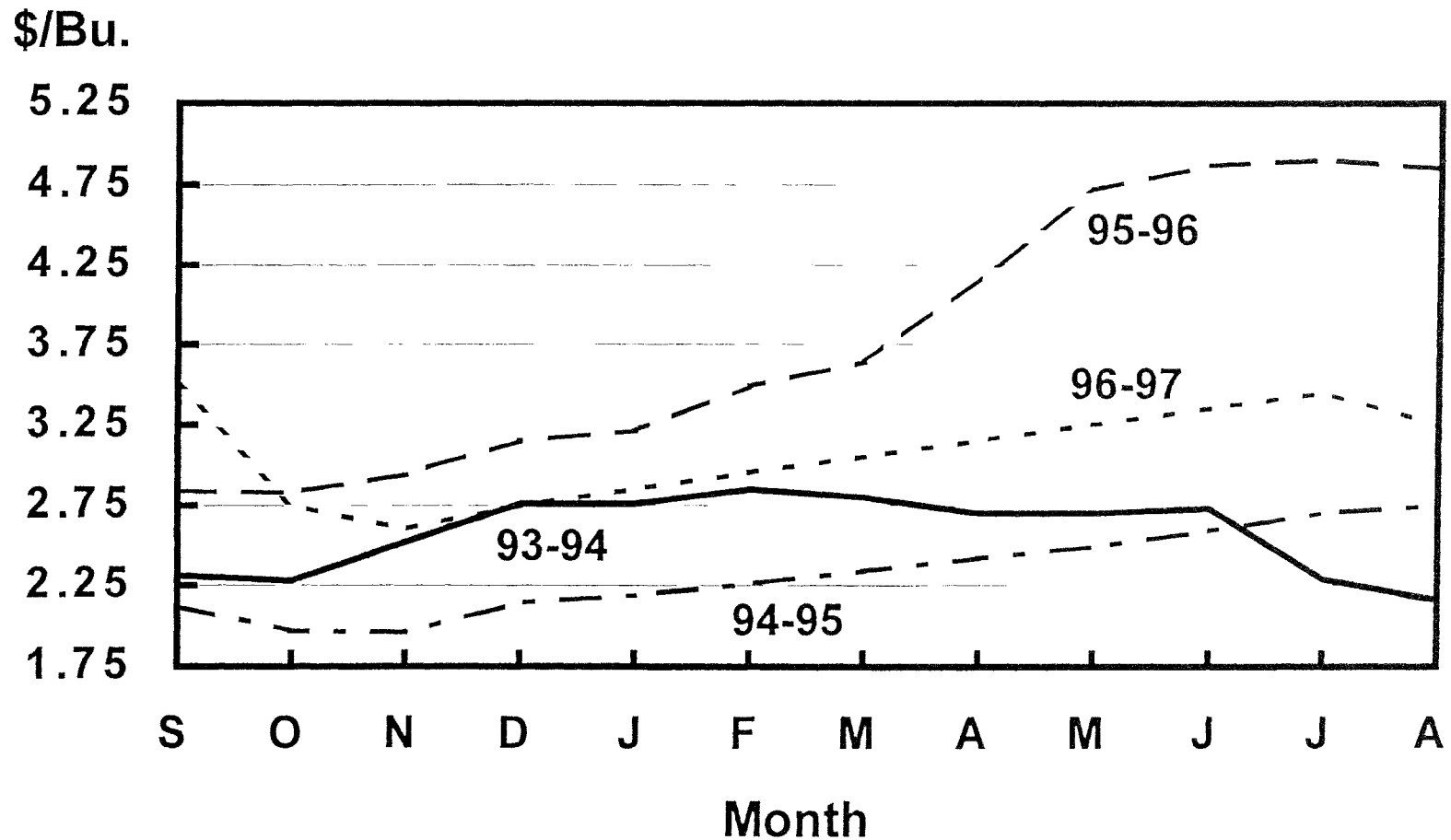
CORN 9/11/1996

Corn: Supply and Use



Revised 10/96

Corn: Ohio Average Farm Prices

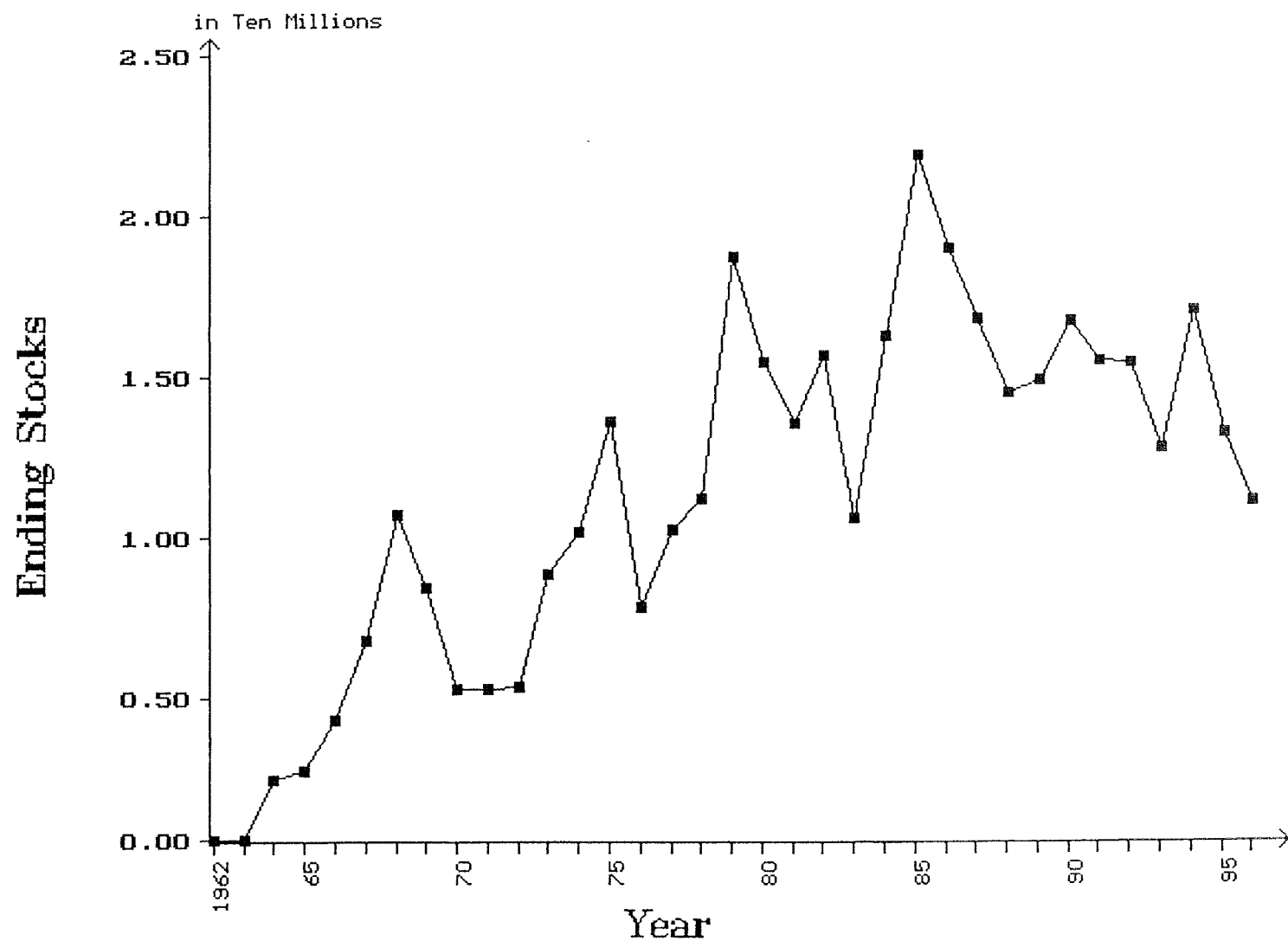


October - August of 96-97 projected

Revised 10/96

TS 95.04.26

WORLD TOTAL SEED Ending Stocks

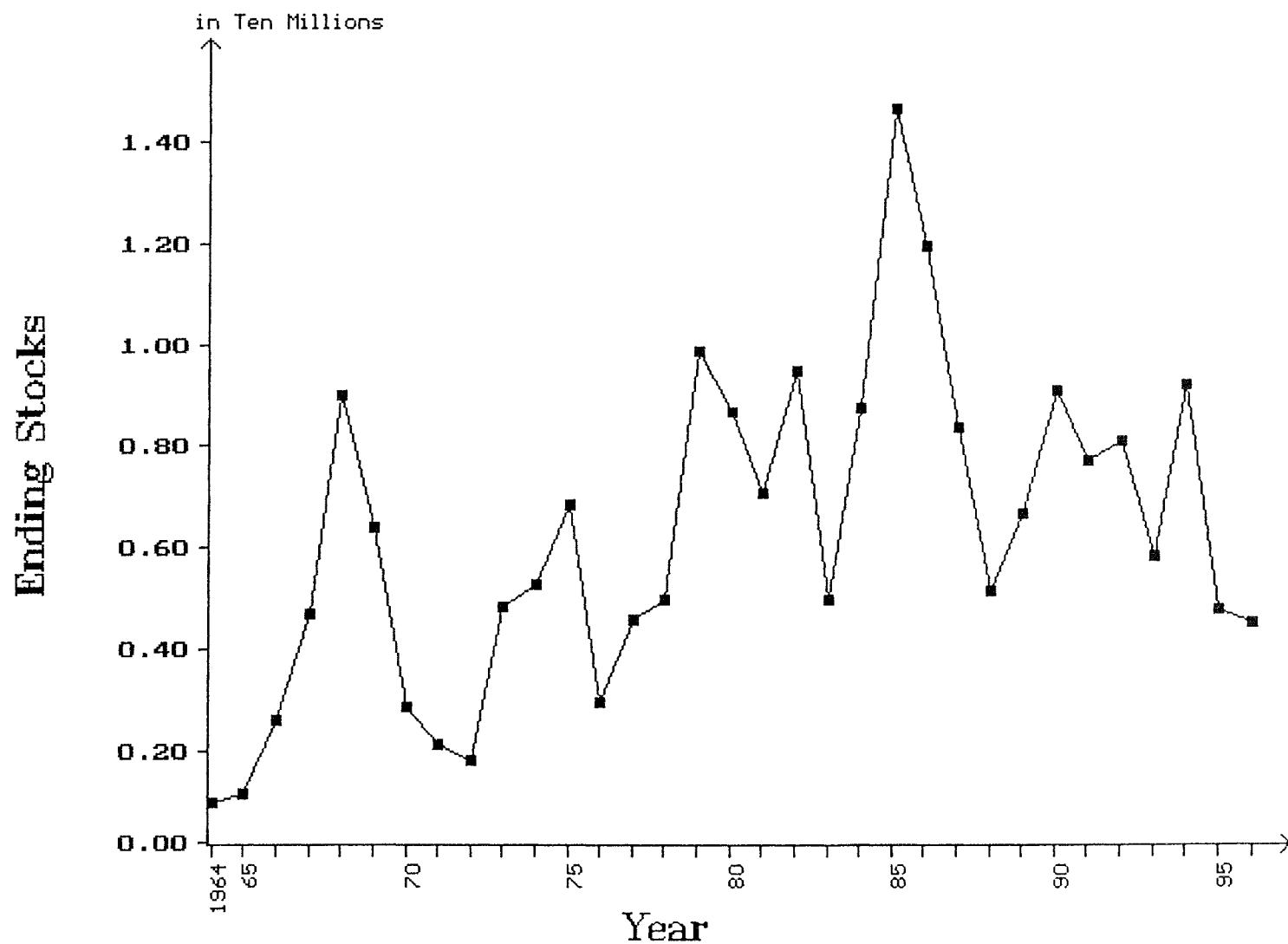


F1=Help

TOTSEEDS 9/11/1996

TS 95.04.26

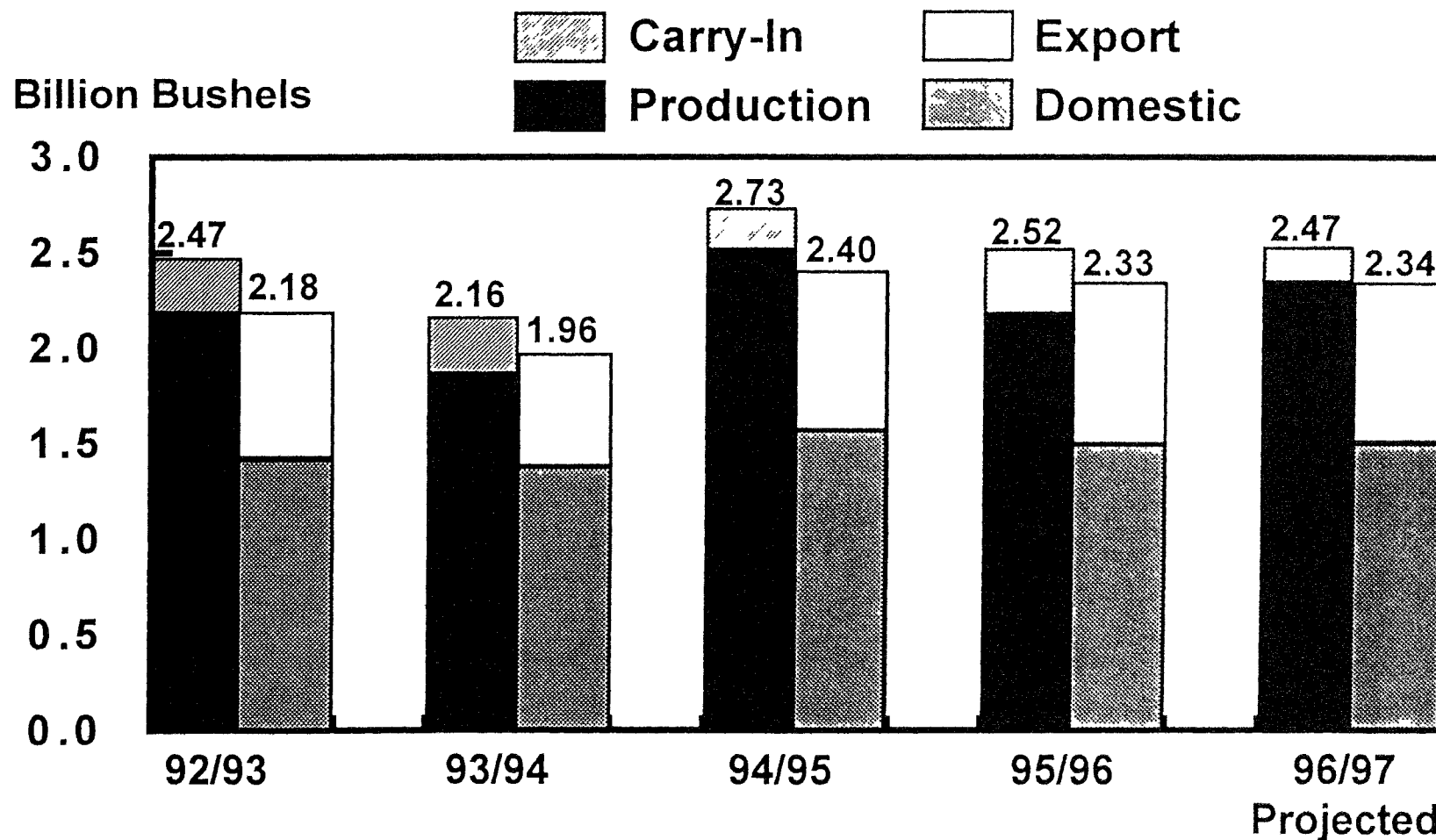
UNITED STATES SOYBEAN Ending Stocks



F1=Help

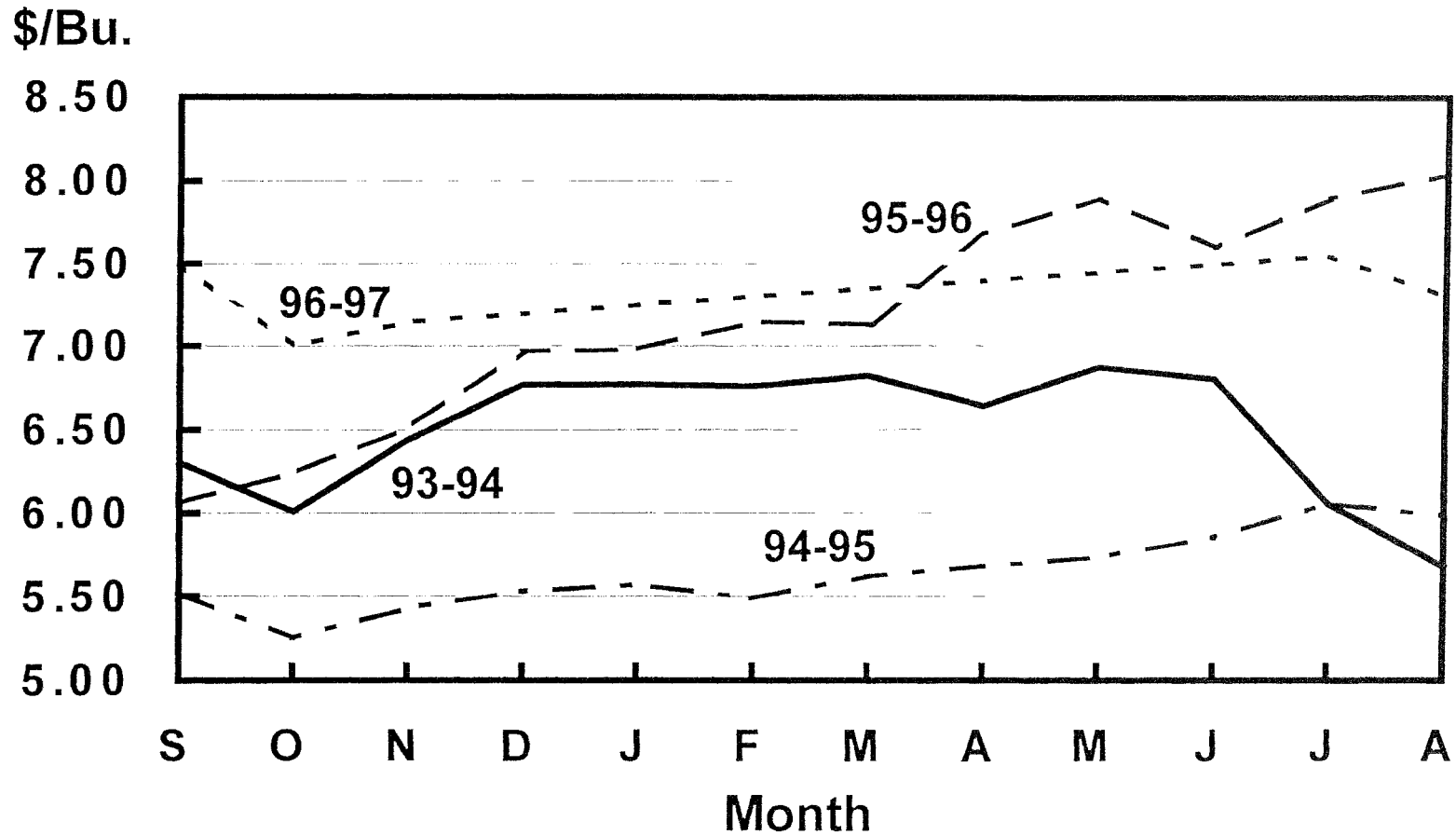
SOYBEANS 9/11/1996

Soybeans: Supply and Use



Revised 10/96

Soybeans: Ohio Average Farm Prices



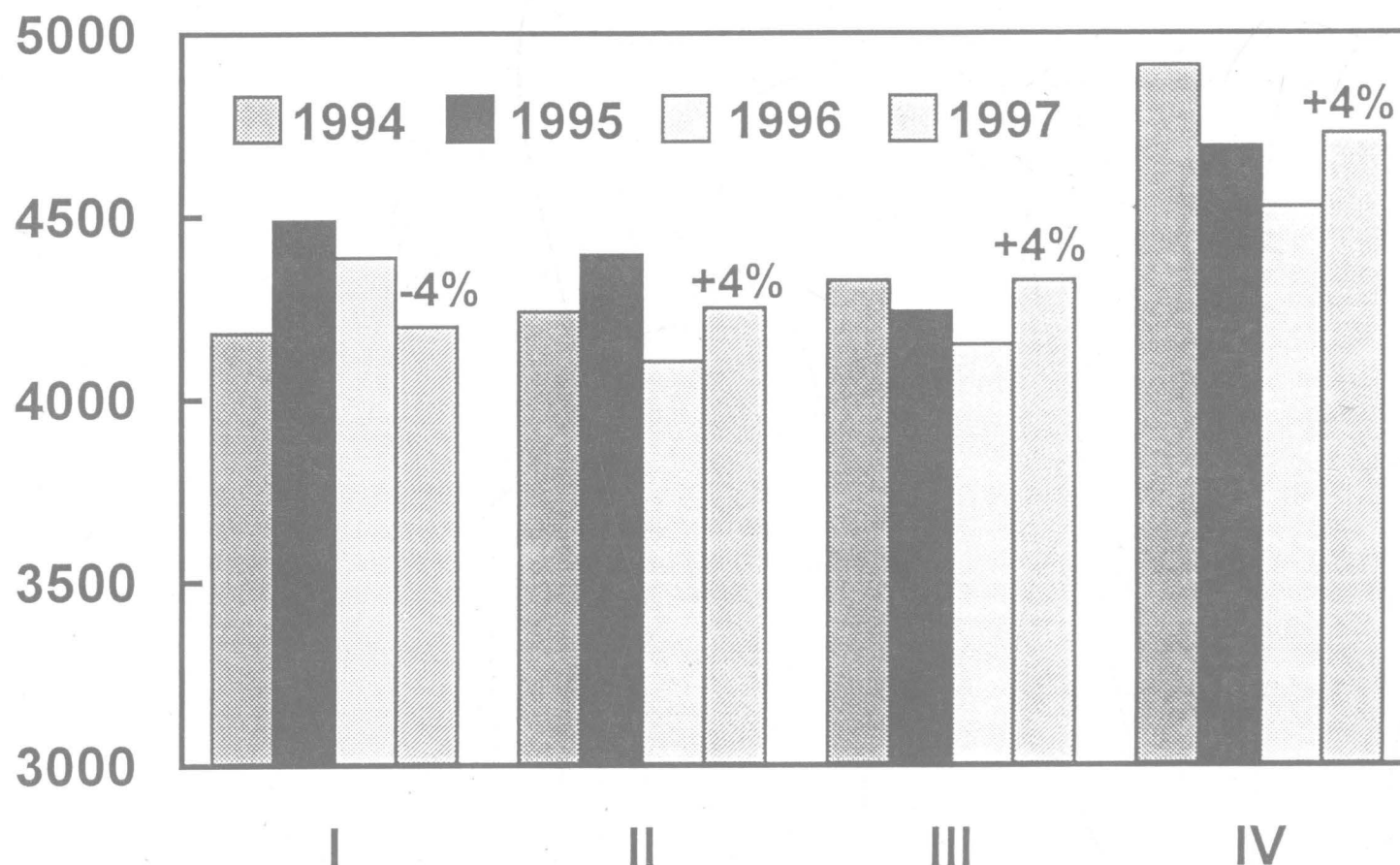
October - August of 96-97 projected

Revised 10/96

COMMERCIAL PORK PRODUCTION

U.S. QUARTERLY

Mil. Lbs.



Revised 10/96

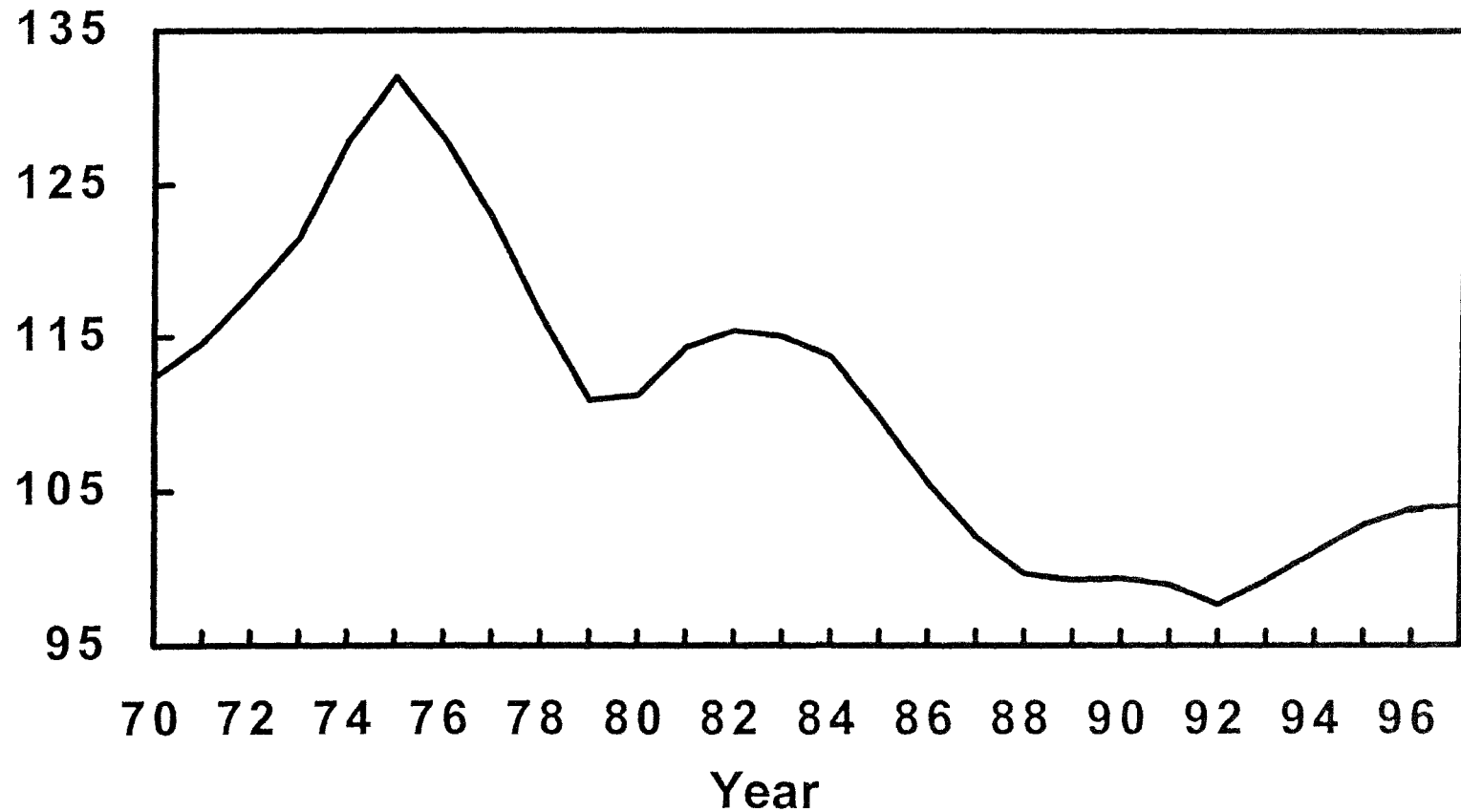
Forecasts

	Pork Production	Barrow & Gilt Price/cwt
1996		
IV	-6	\$53-55
Year	-4	\$53-54
1997		
I	- 4	\$53-55
II	+4	\$54-56
III	+4	\$54-56
IV	+4	\$51-53
Year	+2	\$52-54

Revised 10/96

U.S. Inventory of All Cattle and Calves, January 1

Million Head

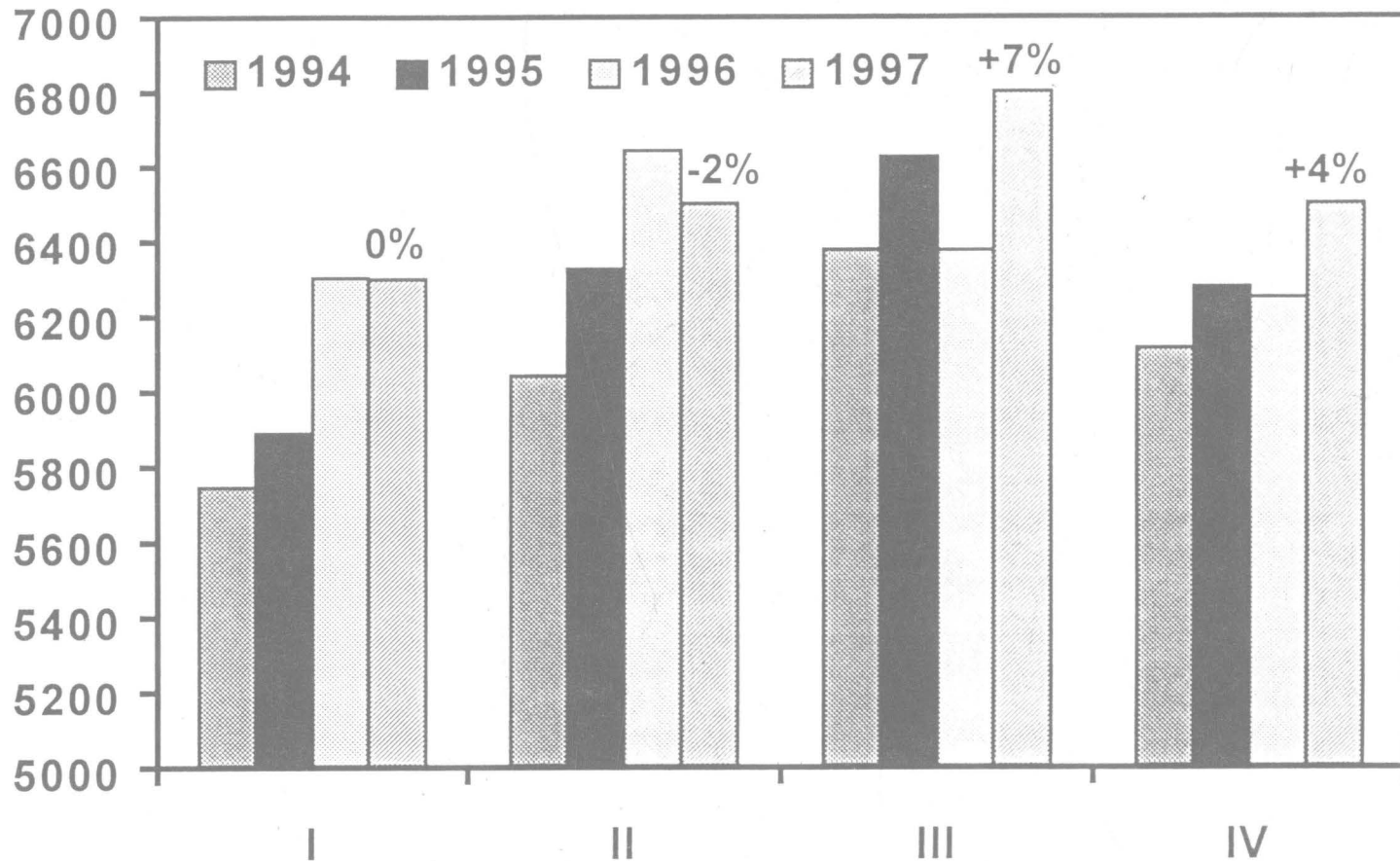


1996/97 Estimated/Projected

Revised 9/96

Commercial Beef Production U.S. Quarterly

Million Pounds



Revised 10/96

Forecasts

	Beef Production	Fed Cattle Price/cwt
1996		
IV	+1	\$67-69
Year	+2	\$64-65
1997	0	
I	- 2	\$64-66
II	+7	\$63-67
III	+4	\$62-66
IV	+2	\$62-66
Year		\$63-66

Revised 10/96

SEASONAL PRICE PATTERNS

Barrows and Gilts

Sows

Feeder Pigs

Steers and Heifers

Beef Cows

Calves

Lambs

Turkeys

Eggs

TABLE 14 BARROWS AND GILTS, PRICE RECEIVED PER CWT BY OHIO PRODUCERS: MONTHLY, SEASON AVERAGE (1), 1979-93. (2)

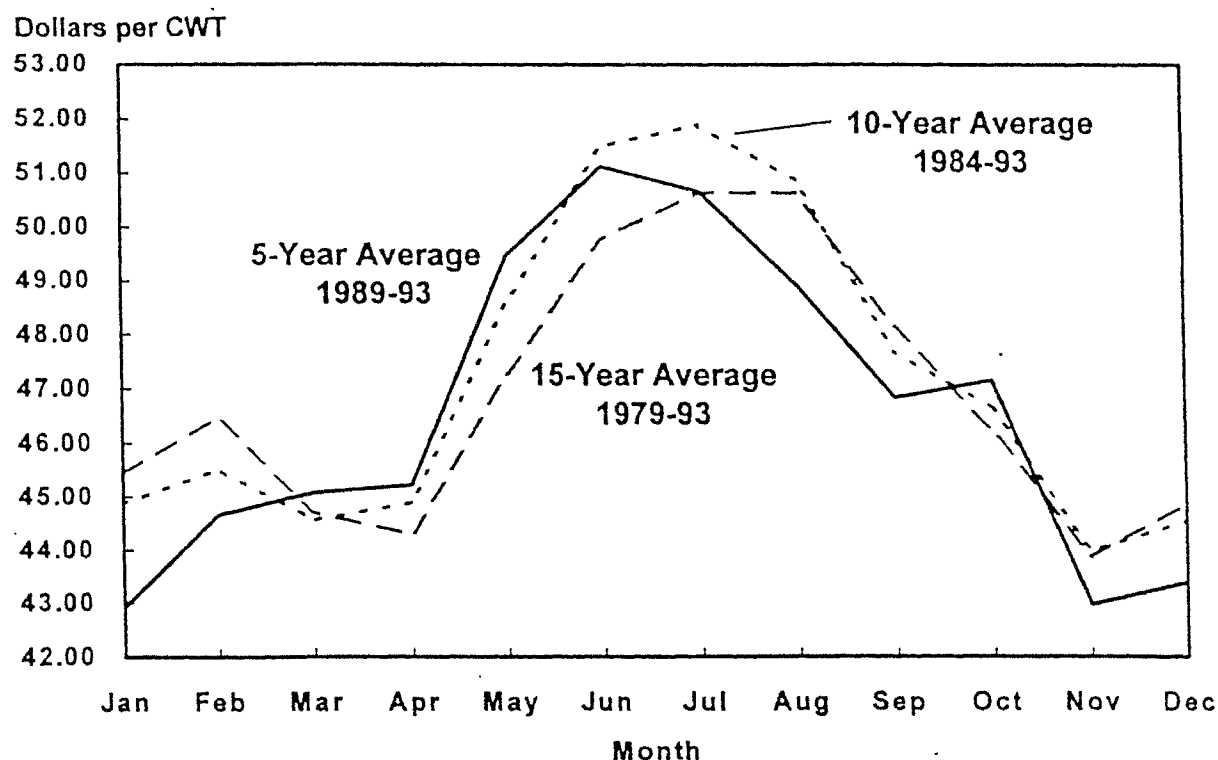
Year	Jan	Feb	Mar	Apr	May	Jun Dollars	Jul	Aug	Sep	Oct	Nov	Dec	Season Average
1979	51.89	54.47	49.99	45.11	44.21	40.51	38.93	37.72	38.88	34.87	34.48	38.31	43.37
1980	37.43	37.80	34.60	28.94	29.07	35.08	42.73	47.50	47.06	48.42	48.58	45.60	39.48
1981 (3)	42.40	43.00	40.40	40.60	43.50	48.80	51.50	51.50	50.30	45.80	44.00	41.50	45.62
1982	44.90	50.60	50.10	53.00	59.00	60.90	61.10	64.80	63.20	56.20	53.80	55.60	54.93
1983	56.30	56.20	49.90	47.70	47.30	46.40	46.40	49.40	45.90	41.80	39.40	48.60	48.53
1984	50.00	46.50	46.70	48.60	48.90	52.00	54.80	53.30	48.60	45.70	50.10	49.70	49.32
1985	49.10	48.60	43.50	41.20	42.00	46.00	46.40	43.80	40.80	44.10	44.70	48.90	44.99
1986	44.90	43.30	41.00	40.10	45.80	53.30	60.00	62.60	58.20	52.70	52.80	51.00	50.13
1987	46.90	48.00	46.80	51.00	54.70	60.10	59.80	58.70	54.10	48.80	40.40	40.20	51.89
1988	43.20	45.50	42.20	41.90	47.20	47.90	44.60	45.60	41.00	39.40	38.90	40.70	42.97
1989	41.30	40.60	39.30	37.10	41.60	46.00	46.40	46.20	43.80	47.20	44.90	48.80	42.93
1990	46.50	47.60	51.10	53.30	60.30	59.20	61.10	55.10	53.50	55.70	48.60	48.40	53.40
1991	48.70	50.60	50.20	49.80	53.90	55.10	54.30	50.80	48.20	43.10	37.30	38.70	48.60
1992	38.80	40.00	38.60	40.70	44.20	46.60	44.60	44.30	41.70	42.00	41.00	42.00	41.60
1993	41.30	44.50	46.20	45.20	47.30	48.70	46.90	48.20	49.00	47.80	43.00	41.00	45.70
5-YR AVG	42.92	44.68	45.08	45.22	49.46	51.12	50.66	48.92	46.84	47.18	42.96	43.38	46.45
10-YR AVG	44.87	45.52	44.56	44.89	48.59	51.49	51.89	50.86	47.69	48.65	43.97	44.54	47.13
15-YR AVG	45.44	46.48	44.71	44.28	47.27	49.77	50.64	50.63	48.15	46.24	43.86	44.87	46.88

(1) Season average based on December of preceding year through November season.

(2) Information compiled from Livestock Market News, USDA; Ohio Agricultural Statistics, Ohio Department of Agriculture; and Agricultural Prices, USDA.

(3) 1981-93 information is for Ohio only, and is compiled from Ohio Agricultural Statistics, Ohio Department of Agriculture; and Agricultural Prices, USDA.

Figure 14. Barrows and Gilts, Price Received per CWT by Ohio Producers: Monthly, 1979-93. (1) (2)



(1) Information compiled from Livestock Market News, USDA; Ohio Agricultural Statistics, Ohio Department of Agriculture; and Agricultural Prices, USDA.

(2) 1981-93 information is for Ohio only, and is compiled from Ohio Agricultural Statistics, Ohio Department of Agriculture; and Agricultural Prices, USDA.

TABLE 15 SOWS, PRICE RECEIVED PER CWT BY OHIO PRODUCERS: MONTHLY, SEASON AVERAGE (1), 1981-93. (2)

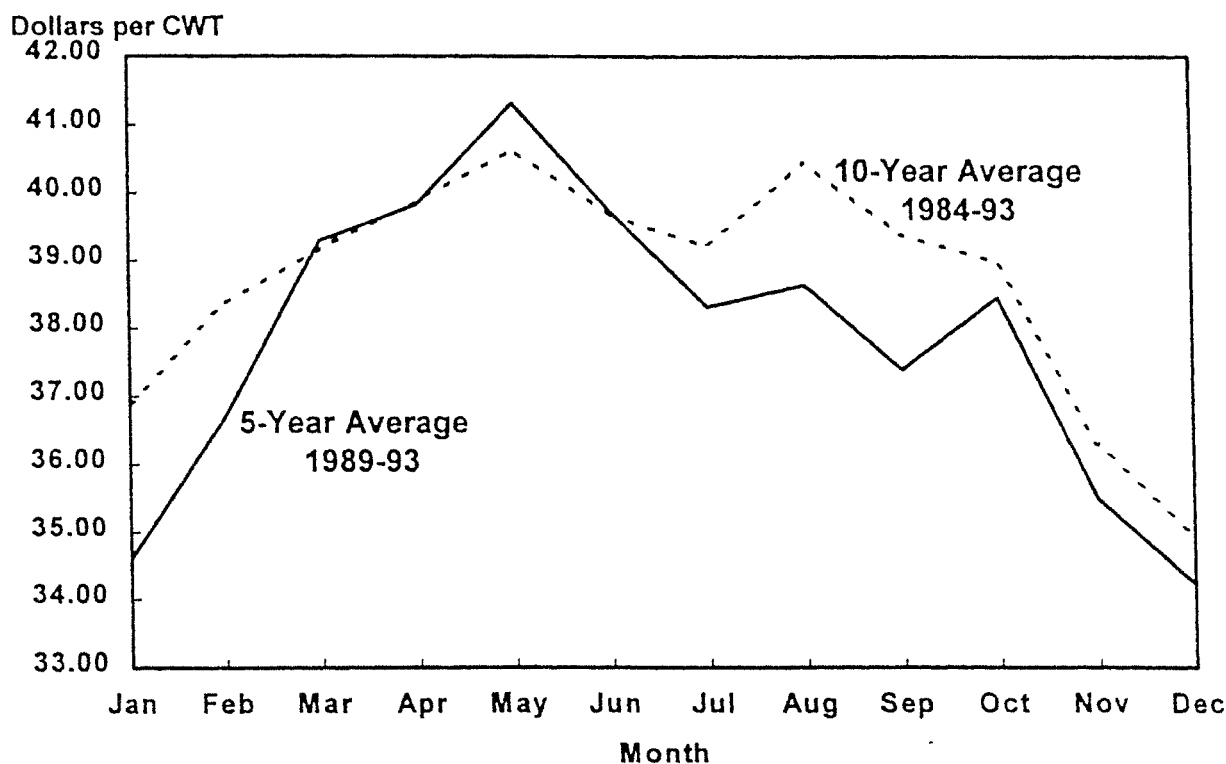
	Jan	Feb	Mar	Apr	May	Jun Dollars	Jul	Aug	Sep	Oct	Nov	Dec	Season Average
1979 (3)													
1980												39.20	
1981	38.90	38.10	34.90	35.40	37.20	42.10	43.50	46.60	46.10	42.90	41.10	35.38	40.33
1982	39.30	45.10	45.80	49.30	51.80	51.70	52.70	54.10	55.50	54.20	47.80	45.30	48.56
1983	48.70	53.50	47.40	45.00	40.70	35.10	32.70	35.90	38.80	35.10	31.60	37.00	40.82
1984	42.90	42.80	42.90	44.10	42.60	41.00	42.20	42.20	40.60	39.00	40.70	39.50	41.50
1985	41.70	42.90	40.10	39.70	36.30	36.70	36.80	35.10	33.60	35.80	37.00	36.70	37.93
1986	35.90	37.80	37.00	36.70	38.40	43.60	47.30	52.60	52.90	48.20	46.70	42.20	42.82
1987	42.40	41.70	40.90	44.10	46.00	44.40	44.50	47.60	48.20	44.30	34.90	32.40	43.43
1988	33.10	34.90	34.40	35.00	36.50	32.50	29.70	33.90	31.70	30.20	26.20	27.60	32.54
1989	32.00	33.40	33.70	29.90	32.50	33.00	33.40	35.20	35.60	38.80	36.30	38.40	33.45
1990	41.50	42.50	46.60	49.60	52.60	51.20	48.10	48.30	45.40	47.20	43.70	39.60	46.26
1991	41.50	43.90	48.10	47.30	46.50	43.60	41.90	40.30	37.80	35.80	30.50	28.20	40.60
1992	28.50	29.50	32.10	33.40	38.40	34.30	32.60	33.40	32.20	34.70	33.00	31.90	32.30
1993	31.50	34.20	38.00	39.00	38.60	36.60	35.60	36.00	36.00	35.80	34.00	33.00	35.50
5-YR AVG	34.80	36.70	39.30	39.84	41.32	39.74	38.32	38.84	37.40	38.48	35.50	34.22	37.62
10-YR AVG	36.90	38.36	39.18	39.88	40.64	39.69	39.21	40.46	39.40	38.98	36.30	34.95	38.63

(1) Season average based on December of preceding year through November season.

(2) Information compiled from Ohio Agricultural Statistics, Ohio Department of Agriculture; and Agricultural prices, USDA

(3) Information is unavailable for 1979-1980.

Figure 15. Sows, Price Received per CWT
by Ohio Producers: Monthly, 1981-93. (1) (2)



(1) Information compiled from Ohio Agricultural Statistics, Ohio Department of Agriculture; and Agricultural Prices, USDA.

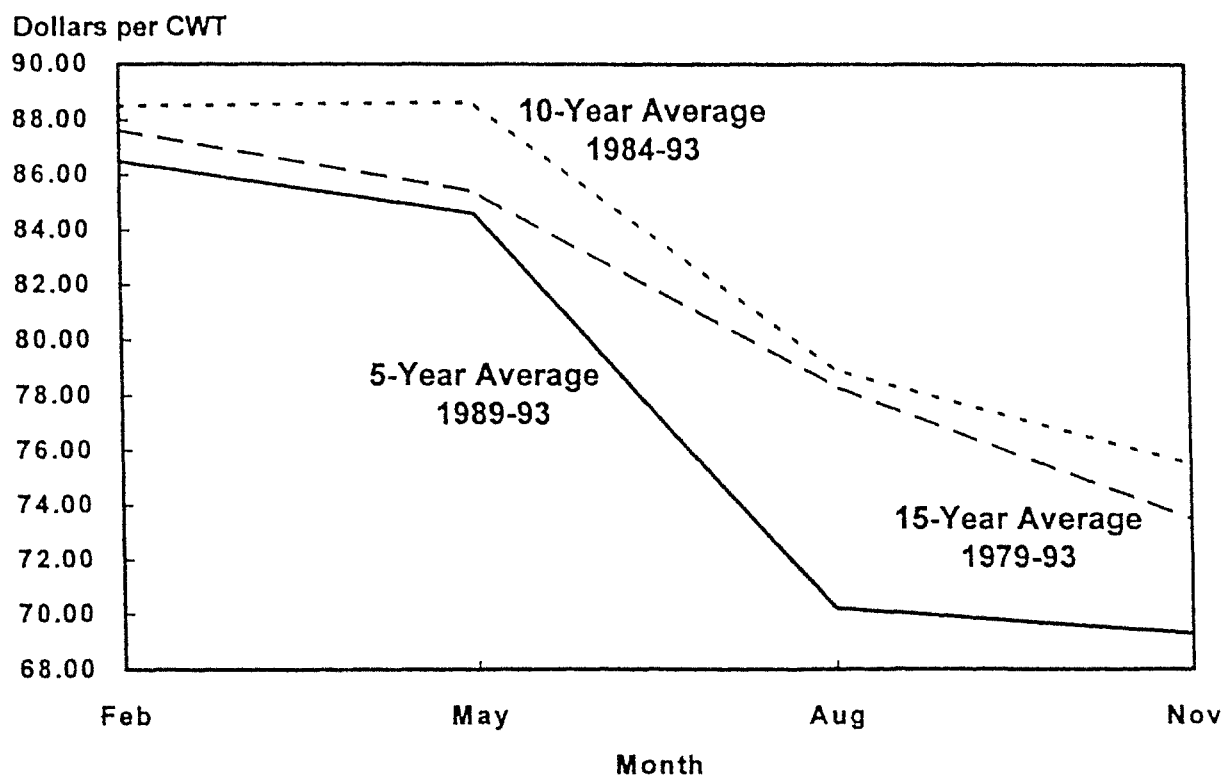
(2) Information is unavailable for 1979-1980.

TABLE 28 FEEDER PIGS, 40-60 LBS., PRICES PAID PER CWT BY OHIO PRODUCERS: QUARTERLY, YEARLY AVERAGE, 1979-93. (1)

Year	Feb	May	Aug Dollars	Nov	Yearly Average
1979	104.00	86.00	54.00	51.00	73.25
1980	58.00	40.00	64.00	67.00	57.25
1981	68.50	71.50	78.00	67.00	71.25
1982	82.00	112.00	130.00	108.00	108.00
1983	117.00	85.00	60.00	54.00	79.00
1984	75.00	80.00	75.00	75.00	76.25
1985	85.00	84.00	77.50	79.50	81.50
1986	75.50	87.50	124.00	102.00	97.25
1987	113.00	106.00	102.00	80.00	100.25
1988	104.00	106.00	60.00	72.00	85.50
1989	70.00	65.00	55.00	66.00	64.00
1990	97.50	109.00	85.50	82.50	93.63
1991	104.00	100.00	77.50	64.00	86.38
1992	70.00	59.00	60.00	64.00	63.25
1993	91.00	90.00	73.00	70.00	81.00
5-YR AVG	86.50	84.60	70.20	69.30	77.65
10-YR AVG	88.50	88.65	78.95	75.50	82.90
15-YR AVG	87.63	85.40	78.37	73.47	81.18

(1) Information compiled from Ohio Agricultural Statistics, Ohio Department of Agriculture; and Agricultural Prices, USDA.

Figure 26. Feeder Pigs, 40-60 Lbs., Price Paid per CWT by Ohio Producers: Quarterly, 1979-93. (1)



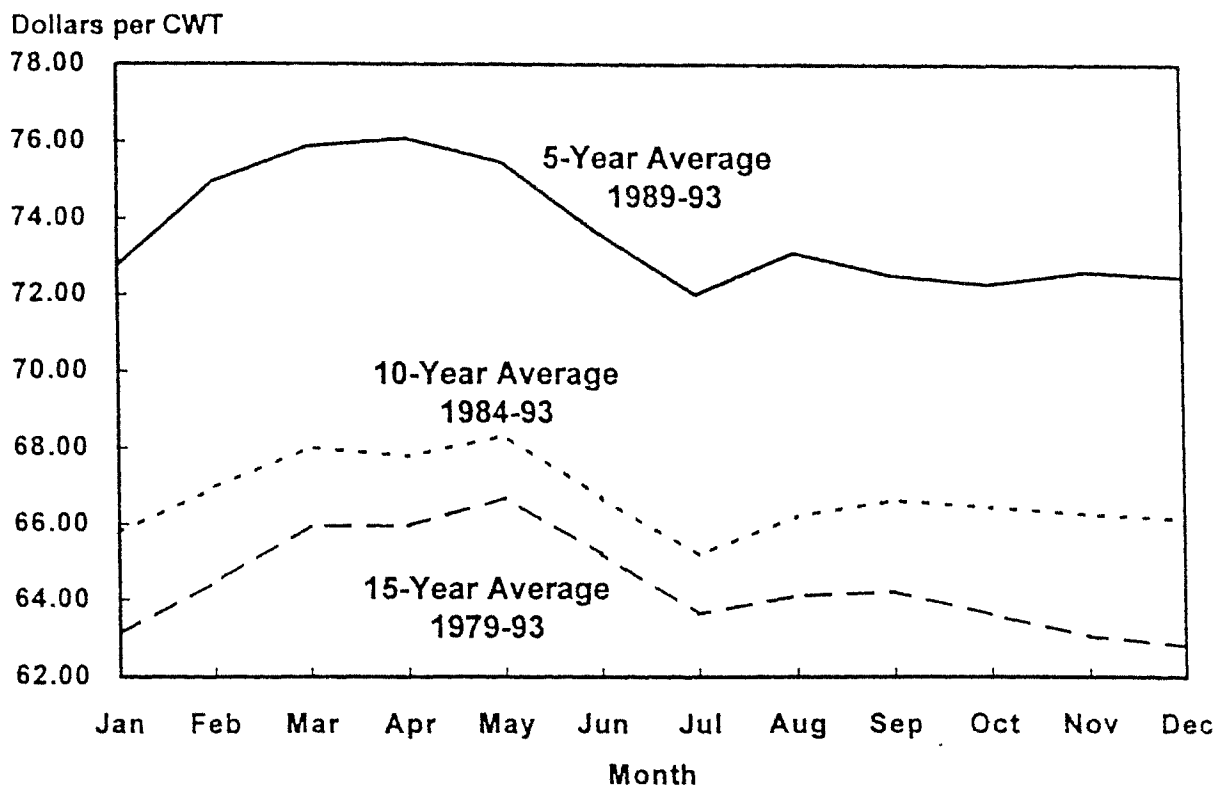
(1) Information compiled from Ohio Agricultural Statistics, Ohio Department of Agriculture; and Agricultural Prices, USDA.

TABLE 11 STEERS AND HEIFERS, PRICE RECEIVED PER CWT BY OHIO PRODUCERS: MONTHLY, YEARLY AVERAGE, 1979-93. (1)

Year	Jan	Feb	Mar	Apr	May	Jun Dollars	Jul	Aug	Sep	Oct	Nov	Dec	Yearly Average
1979	59.40	63.60	69.50	70.70	73.20	67.50	65.90	63.90	64.70	64.60	64.00	63.00	65.80
1980	61.60	63.40	63.60	59.80	59.50	62.10	62.80	65.10	64.40	62.70	60.30	60.70	62.10
1981	59.80	58.20	57.70	59.70	59.90	60.00	59.30	58.10	58.00	55.00	54.80	52.80	57.80
1982	64.10	55.50	59.40	59.90	64.50	62.40	58.20	57.50	56.30	54.10	52.50	50.60	57.10
1983	54.00	56.60	58.90	61.40	60.10	59.20	56.50	54.80	53.30	53.20	51.60	53.70	56.40
1984	57.20	61.40	64.00	58.50	62.00	60.80	61.50	59.70	58.00	56.30	56.90	56.10	59.50
1985	58.80	56.90	56.50	55.80	54.70	54.60	50.30	50.40	51.30	55.00	55.70	56.40	54.40
1986	58.00	52.70	51.70	50.20	51.50	52.00	54.30	55.40	57.40	55.40	58.10	55.60	54.10
1987	56.00	57.40	59.50	62.40	65.90	64.30	62.30	63.90	65.90	65.60	62.20	62.10	62.50
1988	64.00	66.40	69.10	70.60	71.80	67.20	63.40	67.30	71.20	70.90	68.70	68.80	68.60
1989	70.00	71.20	74.60	73.10	72.40	70.10	70.00	69.80	69.90	70.60	71.20	72.20	71.30
1990	72.90	73.80	73.30	76.10	77.70	76.10	73.60	77.30	74.40	76.10	76.40	77.50	75.43
1991	76.50	77.20	79.00	79.20	76.40	74.80	72.20	69.60	71.50	69.90	71.60	70.80	74.10
1992	68.40	73.80	74.00	73.40	72.30	71.40	70.20	74.30	73.50	73.40	71.80	73.20	72.50
1993	76.00	78.80	78.40	78.60	78.50	75.70	74.00	74.50	73.30	71.40	72.00	68.60	75.40
5-YR AVG	72.78	74.96	75.86	76.08	75.48	73.62	72.00	73.10	72.52	72.28	72.60	72.46	73.75
10-YR AVG	65.78	66.96	68.01	67.79	68.32	66.70	65.18	66.22	66.64	66.46	66.26	66.13	66.78
15-YR AVG	63.11	64.46	65.95	65.96	66.69	65.21	63.63	64.11	64.21	63.61	63.05	62.81	64.47

(1) Information compiled from Ohio Agricultural Statistics, Ohio Department of Agriculture; and Agricultural Prices, USDA.

Figure 11. Steers & Heifers, Price Received per CWT by Ohio Producers: Monthly, 1979-93. (1)



(1) Information compiled from Ohio Agricultural Statistics, Ohio Department of Agriculture; and Agricultural Prices, USDA.

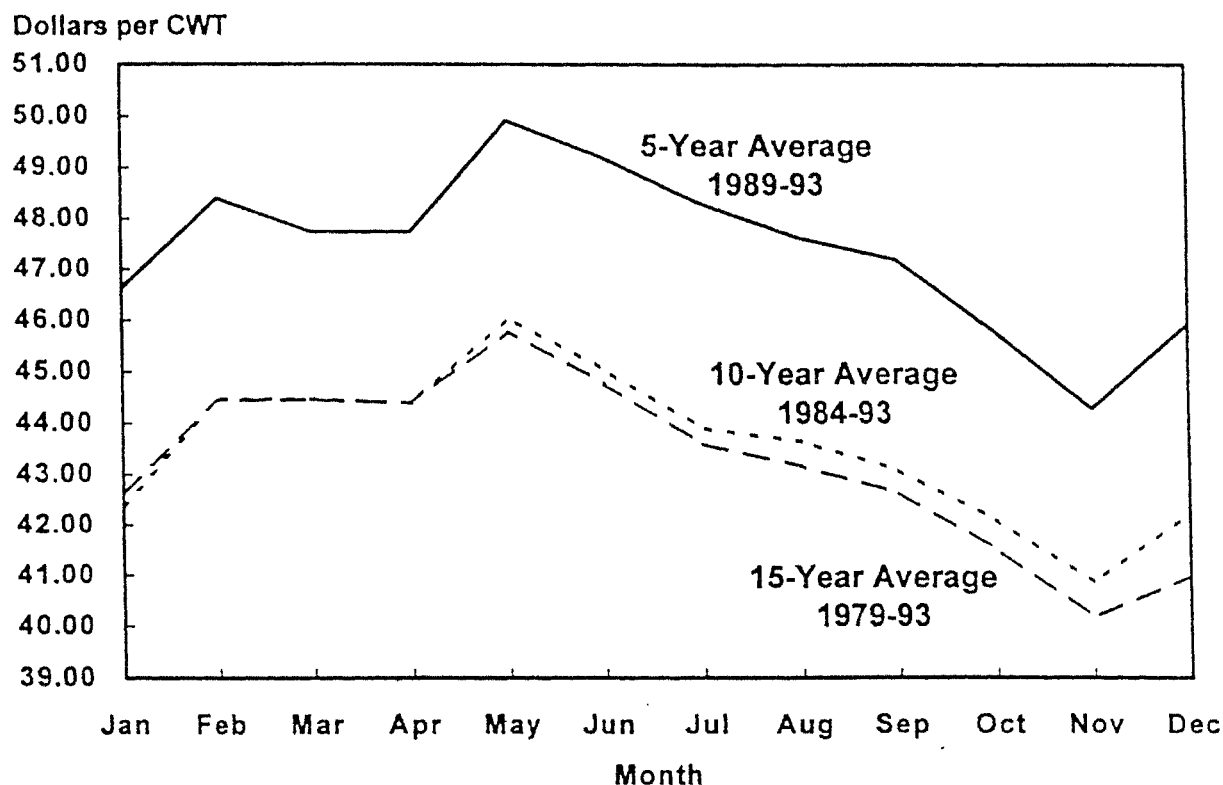
TABLE 10 COWS (BEEF) (1), PRICE RECEIVED PER CWT BY OHIO PRODUCERS: MONTHLY, YEARLY AVERAGE, 1979-93 (2)

Year	Jan	Feb	Mar	Apr	May	Jun Dollars	Jul	Aug	Sep	Oct	Nov	Dec	Yearly Average
1979	49.60	52.00	54.00	54.70	56.60	51.30	50.80	48.10	49.70	48.60	46.70	47.70	50.40
1980	51.80	50.00	47.60	44.90	42.20	43.20	42.10	44.90	44.50	43.30	42.10	41.20	45.00
1981	40.60	42.70	41.10	41.70	42.50	42.30	42.10	41.60	39.90	36.80	36.10	34.40	39.70
1982	36.50	37.00	38.20	38.70	41.70	41.80	40.20	39.30	37.90	37.50	35.20	34.90	38.00
1983	37.40	40.30	41.20	41.90	43.30	42.50	39.60	37.00	36.80	35.50	33.90	34.10	37.90
1984	34.90	39.00	41.50	41.20	41.40	40.80	39.20	39.70	36.00	36.10	33.50	35.20	37.70
1985	37.70	40.10	40.00	39.90	40.00	38.70	36.60	35.10	33.40	32.50	33.00	33.70	36.60
1986	34.80	35.50	35.30	33.60	36.00	37.10	35.40	35.10	36.00	35.40	34.60	34.80	35.30
1987	36.20	40.20	41.70	42.00	44.20	44.50	42.80	42.80	43.80	43.50	42.70	44.20	42.50
1988	45.20	47.80	47.40	48.50	49.20	43.20	43.50	45.80	45.60	44.50	43.30	44.90	45.70
1989	45.20	48.30	46.60	46.20	47.00	48.00	47.80	47.70	48.30	47.00	46.70	49.80	47.30
1990	49.90	50.60	50.50	50.20	52.40	53.00	51.70	50.60	51.00	49.40	46.90	48.40	50.38
1991	48.40	49.30	49.20	49.80	52.50	50.60	47.80	46.70	46.70	44.80	43.60	44.80	47.60
1992	44.30	45.60	45.50	46.10	48.60	45.90	46.30	46.80	44.70	43.60	42.60	44.30	45.10
1993	45.30	48.20	46.90	46.40	49.10	48.50	47.90	46.30	45.20	44.10	41.60	42.30	45.80
5-YR AVG	46.62	48.40	47.74	47.74	49.92	49.20	48.30	47.62	47.18	45.78	44.28	45.92	47.24
10-YR AVG	42.39	44.46	44.46	44.39	46.04	45.03	43.90	43.64	43.07	42.09	40.85	42.24	43.40
15-YR AVG	42.65	44.44	44.45	44.39	45.78	44.76	43.59	43.15	42.63	41.51	40.17	40.98	43.00

(1) Includes beef cows sold for slaughter and herd replacement, and cull dairy cows sold for slaughter.

(2) Information compiled from Ohio Agricultural Statistics, Ohio Department of Agriculture; and Agricultural Prices, USDA.

Figure 10. Cows (Beef) (1), Price Received per CWT by Ohio Producers: Monthly, 1979-93. (2)



(1) Includes beef cows sold for slaughter and herd replacement, and cull dairy cows sold for slaughter.

(2) Information compiled from Ohio Agricultural Statistics, Ohio Department of Agriculture; and Agricultural Prices, USDA.

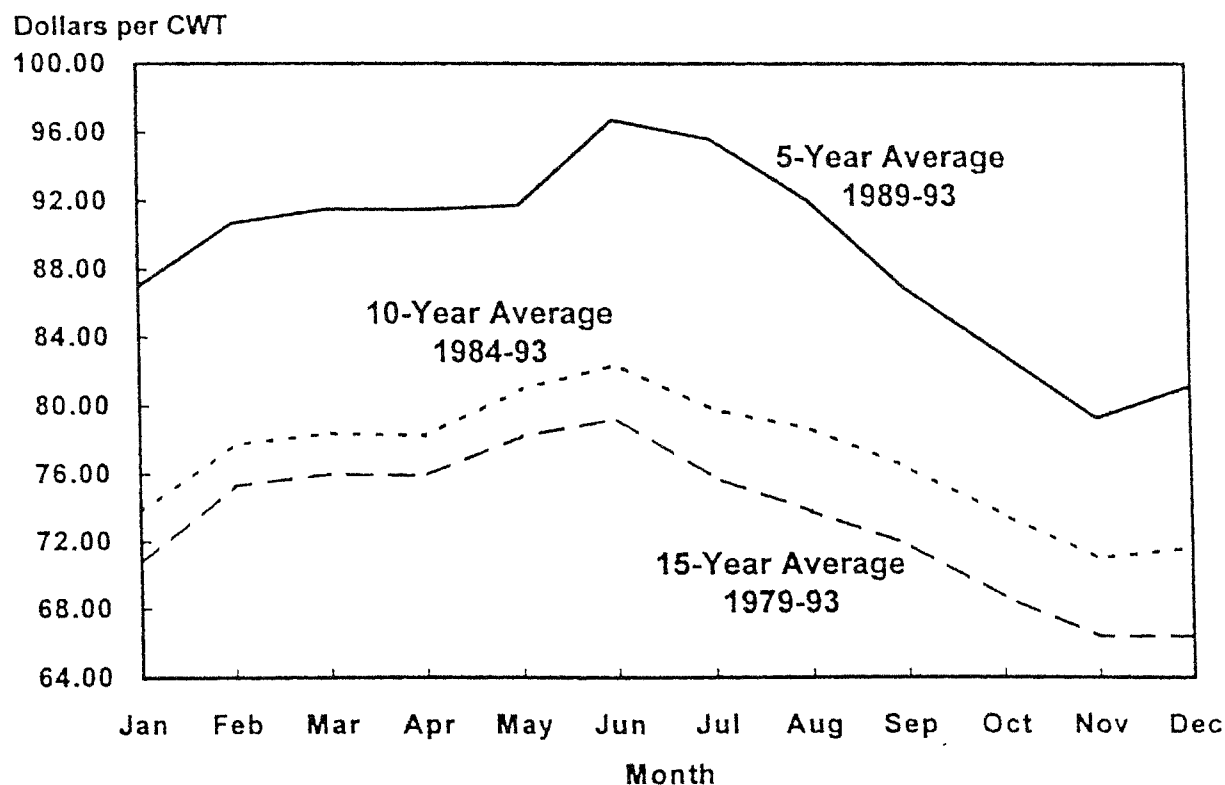
TABLE 12 CALVES (1), PRICE RECEIVED PER CWT BY OHIO PRODUCERS: MONTHLY, YEARLY AVERAGE, 1979-93. (2)

Year	Jan	Feb	Mar	Apr	May	Jun Dollars	Jul	Aug	Sep	Oct	Nov	Dec	Yearly Average
1979	76.00	88.50	93.20	97.00	99.00	94.00	89.20	81.70	82.50	77.10	78.10	74.40	85.70
1980	82.30	92.00	81.20	78.90	76.40	84.90	83.90	75.50	72.90	68.60	62.30	59.70	72.30
1981	63.50	63.30	63.70	63.50	65.50	63.90	57.40	58.00	54.40	49.40	49.50	47.90	58.50
1982	48.40	50.70	57.00	55.40	58.00	59.10	54.70	55.40	56.30	50.90	48.40	48.00	53.00
1983	53.00	57.70	61.20	61.30	64.50	62.80	53.90	49.40	47.10	50.40	49.80	50.20	54.60
1984	51.30	59.20	57.10	53.10	57.80	55.10	52.90	50.90	50.60	51.40	47.00	50.20	52.40
1985	52.50	55.80	55.60	57.20	60.40	60.20	54.70	55.20	53.30	54.70	53.60	50.40	55.20
1986	52.30	57.60	58.10	54.60	58.30	57.50	54.90	55.80	59.30	55.60	54.70	56.80	56.30
1987	61.50	62.50	65.40	71.00	78.40	82.20	75.40	76.40	78.40	75.90	77.70	69.50	73.10
1988	85.00	88.80	90.10	89.30	95.70	85.10	81.50	87.80	87.60	82.80	80.40	83.30	86.10
1989	88.90	94.40	93.50	89.90	87.80	99.80	89.90	89.20	88.00	82.30	80.20	81.20	87.00
1990	85.00	91.50	92.00	94.40	99.40	101.00	99.00	97.00	85.80	82.00	80.00	85.10	91.02
1991	89.00	91.60	96.40	97.40	100.00	101.80	96.30	92.60	87.30	82.60	78.90	81.00	88.50
1992	85.10	88.90	83.90	83.70	77.10	83.70	88.90	84.80	80.80	78.50	75.30	74.80	81.20
1993	86.90	87.10	91.80	92.10	94.40	97.40	104.00	96.60	92.60	90.00	81.90	83.40	90.80
5-YR AVG	86.98	90.70	91.52	91.50	91.74	96.74	95.62	92.04	88.90	83.08	79.28	81.10	87.70
10-YR AVG	73.75	77.74	78.39	78.27	80.93	82.38	79.75	78.63	76.37	73.58	70.97	71.57	76.16
15-YR AVG	70.71	75.31	78.01	75.92	78.18	79.23	75.77	73.75	71.79	68.68	66.39	66.39	72.25

(1) Calves under 500 pounds.

(2) Information compiled from Ohio Agricultural Statistics, Ohio Department of Agriculture; and Agricultural Prices, USDA.

Figure 12. Calves (1), Price Received per CWT by Ohio Producers: Monthly, 1979-93. (2)



(1) Calves under 500 pounds.

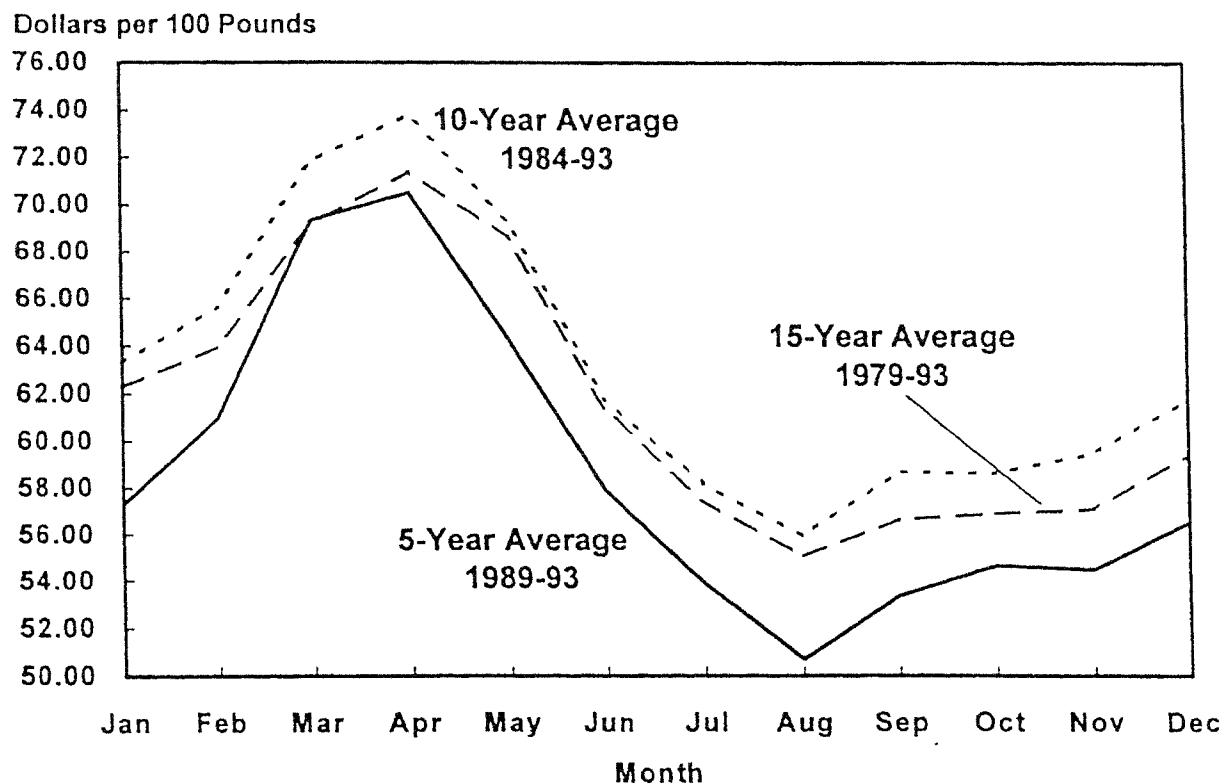
(2) Information compiled from Ohio Agricultural Statistics, Ohio Department of Agriculture; and Agricultural Prices, USDA.

TABLE 16 LAMBS, PRICE RECEIVED PER CWT BY OHIO PRODUCERS: MONTHLY, YEARLY AVERAGE, 1979-93. (2)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Yearly Average
	Dollars												
1979	72.60	70.00	65.00	70.20	72.70	67.10	61.50	58.50	63.00	63.00	63.00	65.60	65.30
1980	67.60	63.90	68.40	64.90	66.20	66.60	63.10	63.70	61.30	60.90	56.20	56.90	62.60
1981	53.50	52.10	57.40	65.90	66.00	60.40	55.00	50.10	45.90	46.60	44.30	44.60	53.00
1982	50.60	55.00	64.50	64.00	66.80	59.60	52.60	50.50	49.40	47.70	47.30	49.30	53.80
1983	56.50	62.10	64.00	66.00	62.30	48.60	47.70	43.70	43.30	49.10	50.70	57.20	53.00
1984	60.70	60.70	61.10	63.30	62.60	55.60	55.70	56.30	57.30	57.40	60.40	61.90	59.20
1985	65.60	67.40	70.70	75.30	70.90	66.10	66.90	64.30	65.90	64.80	67.00	64.50	66.90
1986	65.50	69.20	74.00	76.80	78.50	72.80	65.80	64.60	64.60	60.30	62.80	70.30	68.00
1987	75.70	75.40	82.60	93.80	88.20	77.50	71.90	67.40	71.60	72.00	70.50	70.80	77.10
1988	79.10	78.90	83.10	76.40	71.90	56.40	52.00	53.20	60.60	58.40	61.60	67.60	65.10
1989	64.60	66.00	75.30	78.80	71.10	64.00	60.80	58.70	57.90	57.70	57.70	56.10	62.60
1990	55.00	58.70	66.00	67.80	62.20	52.50	50.90	46.70	49.10	50.10	47.70	44.80	54.29
1991	47.70	48.40	59.60	59.20	57.80	51.60	50.10	44.30	46.80	48.90	44.90	49.00	50.00
1992	50.80	56.50	68.00	71.40	67.10	64.00	56.40	49.60	51.90	52.90	56.50	64.60	58.90
1993	66.40	75.30	77.90	75.40	63.30	57.40	51.30	54.20	61.10	65.70	65.60	68.10	65.30
5-YR AVG	57.30	60.98	69.36	70.52	64.30	57.90	53.90	50.70	53.36	54.66	54.46	56.52	58.22
10-YR AVG	63.31	65.65	71.83	73.82	69.36	61.79	58.18	55.93	58.68	58.62	59.47	61.77	62.74
15-YR AVG	62.26	63.97	69.17	71.41	68.64	61.35	57.45	55.05	56.65	56.90	57.08	59.42	61.01

(1) Information compiled from Ohio Agricultural Statistics, Ohio Department of Agriculture; and Agricultural Prices, USDA.

Figure 16. Lambs, Price Received per 100 Pounds by Ohio Producers: Monthly, 1979-93. (1)



(1) Information compiled from Ohio Agricultural Statistics, Ohio Department of Agriculture; and Agricultural Prices, USDA.

TABLE 19 TURKEYS, PRICE RECEIVED PER POUND BY OHIO PRODUCERS: MONTHLY, YEARLY AVERAGE (1), 1979-93. (2)

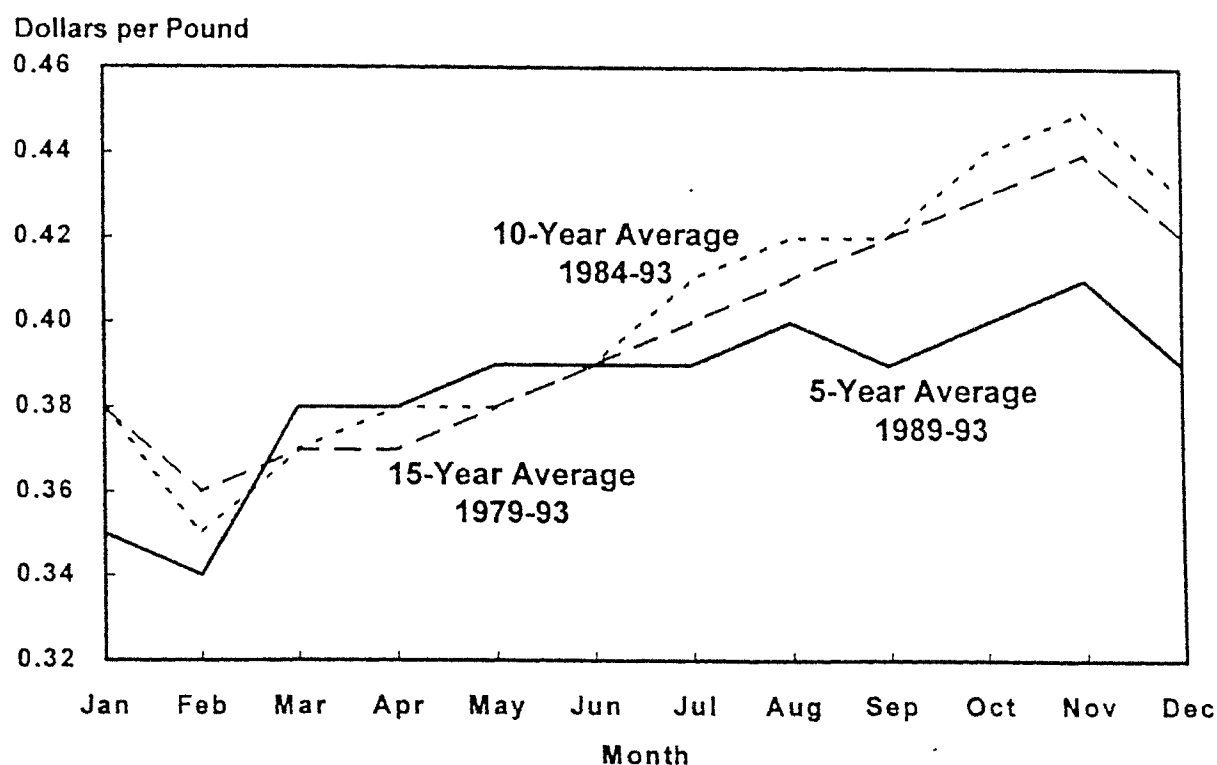
Year	Jan	Feb	Mar	Apr	May	Jun Dollars	Jul	Aug	Sep	Oct	Nov	Dec	Yearly Average
1979	0.49	0.48	0.47	0.47	0.43	0.39	0.37	0.36	0.36	0.37	0.46	0.44	0.41
1980	0.37	0.36	0.36	0.32	0.31	0.32	0.41	0.43	0.47	0.51	0.51	0.46	0.43
1981	0.40	0.38	0.40	0.40	0.41	0.43	0.43	0.42	0.40	0.31	0.34	0.33	0.38
1982 (3)	0.33	0.34	0.34	0.34	0.35	0.38	0.40	0.41	0.42	0.43	0.43	0.34	0.40
1983	0.32	0.33	0.33	0.32	0.35	0.37	0.34	0.35	0.40	0.40	0.41	0.46	0.37
1984	0.47	0.41	0.41	0.43	0.42	0.42	0.44	0.45	0.47	0.51	0.56	0.60	0.50
1985	0.50	0.41	0.40	0.39	0.39	0.41	0.44	0.48	0.52	0.57	0.58	0.59	0.48
1986	0.36	0.36	0.37	0.38	0.41	0.46	0.49	0.51	0.51	0.53	0.52	0.43	0.47
1987	0.35	0.36	0.36	0.36	0.36	0.34	0.34	0.32	0.31	0.30	0.34	0.38	0.32
1988	0.32	0.30	0.28	0.28	0.30	0.32	0.40	0.42	0.45	0.48	0.48	0.38	0.36
1989	0.35	0.38	0.40	0.42	0.43	0.44	0.42	0.41	0.37	0.39	0.41	0.40	0.41
1990	0.36	0.34	0.37	0.37	0.38	0.38	0.38	0.40	0.41	0.42	0.43	0.36	0.38
1991	0.34	0.25	0.37	0.38	0.38	0.39	0.39	0.40	0.40	0.37	0.37	0.38	0.37
1992	0.36	0.36	0.37	0.37	0.38	0.38	0.38	0.38	0.38	0.39	0.39	0.39	0.38
1993	0.36	0.35	0.37	0.38	0.38	0.37	0.39	0.40	0.40	0.43	0.43	0.41	0.39
5-YR AVG	0.35	0.34	0.38	0.38	0.39	0.39	0.39	0.40	0.39	0.40	0.41	0.39	0.39
10-YR AVG	0.38	0.35	0.37	0.38	0.38	0.39	0.41	0.42	0.42	0.44	0.45	0.43	0.41
15-YR AVG	0.38	0.36	0.37	0.37	0.38	0.39	0.40	0.41	0.42	0.43	0.44	0.42	0.40

(1) Ohio yearly average prices for 1979-93.

(2) Information compiled from Ohio Agricultural Statistics, Ohio Department of Agriculture; and Agricultural Prices, USDA.

(3) US average monthly prices for 1982-93.

Figure 19. Turkeys, Price Received per Pound by Ohio Producers: Monthly, 1979-93. (1) (2)



(1) Information compiled from Ohio Agricultural Statistics, Ohio Department of Agriculture; and Agricultural Prices, USDA.

(2) U.S. average monthly prices for 1982-90.

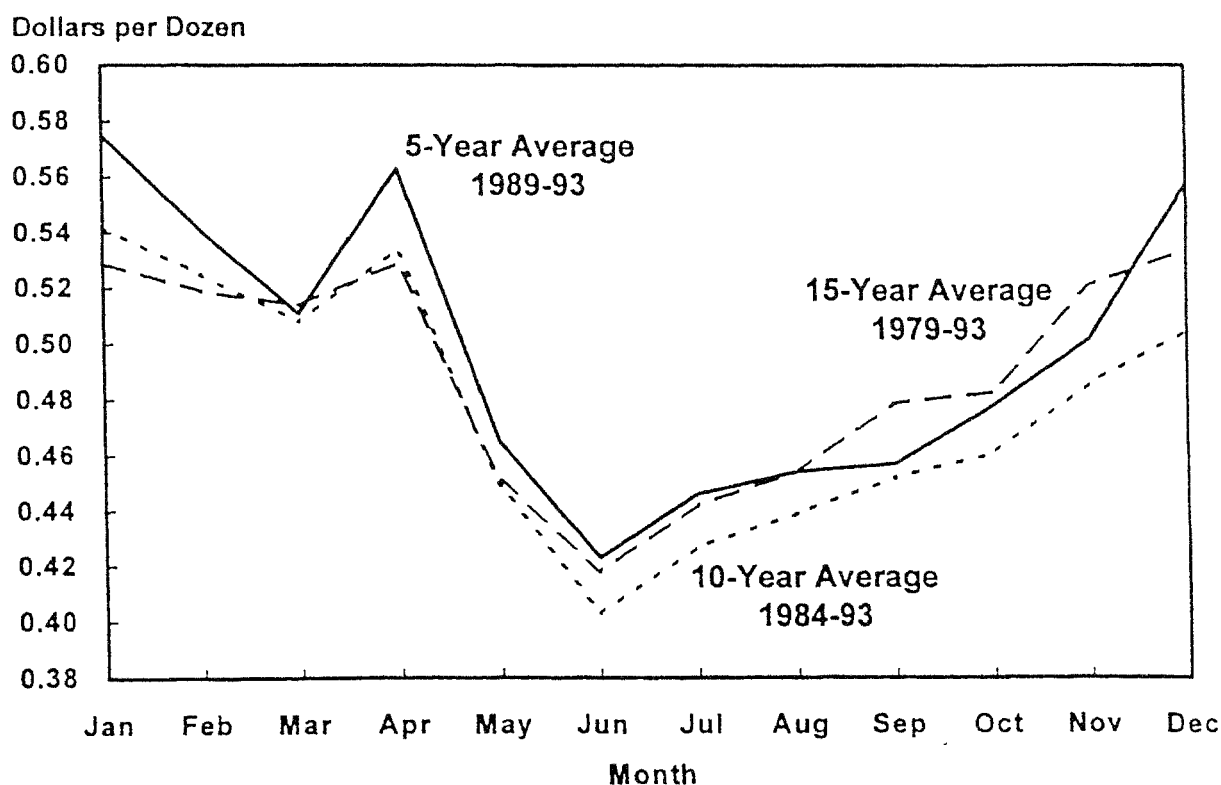
TABLE 20 MARKET EGGS, PRICE RECEIVED PER DOZEN BY OHIO PRODUCERS: MONTHLY, SEASON AVERAGE (1), 1979-93. (2)

Year	Jan	Feb	Mar	Apr	May	Jun Dollars	Jul	Aug	Sep	Oct	Nov	Dec	Season Average
1979	0.543	0.537	0.608	0.575	0.538	0.525	0.489	0.485	0.495	0.461	0.496	0.588	0.524
1980	0.490	0.450	0.480	0.450	0.380	0.400	0.440	0.530	0.570	0.510	0.580	0.670	0.490
1981	0.550	0.530	0.510	0.570	0.460	0.480	0.530	0.520	0.600	0.580	0.680	0.570	0.580
1982	0.540	0.600	0.600	0.540	0.410	0.380	0.450	0.380	0.480	0.500	0.550	0.430	0.500
1983	0.400	0.420	0.440	0.460	0.490	0.460	0.450	0.500	0.550	0.580	0.650	0.700	0.498
1984	0.850	0.910	0.750	0.900	0.700	0.550	0.500	0.480	0.470	0.410	0.510	0.430	0.641
1985	0.390	0.400	0.460	0.420	0.360	0.380	0.400	0.400	0.410	0.470	0.500	0.520	0.420
1986	0.500	0.470	0.600	0.480	0.450	0.380	0.450	0.470	0.520	0.460	0.510	0.540	0.485
1987	0.480	0.440	0.400	0.400	0.370	0.320	0.350	0.340	0.390	0.360	0.350	0.340	0.395
1988	0.320	0.330	0.310	0.330	0.280	0.280	0.340	0.430	0.440	0.520	0.480	0.430	0.368
1989	0.480	0.470	0.470	0.810	0.450	0.450	0.490	0.510	0.510	0.550	0.580	0.670	0.504
1990	0.700	0.640	0.690	0.650	0.590	0.450	0.470	0.450	0.530	0.560	0.600	0.630	0.580
1991	0.680	0.710	0.550	0.660	0.420	0.380	0.488	0.545	0.463	0.454	0.480	0.510	0.538
1992	0.493	0.396	0.380	0.370	0.369	0.370	0.342	0.340	0.363	0.422	0.415	0.485	0.397
1993	0.544	0.488	0.468	0.524	0.497	0.467	0.442	0.426	0.419	0.404	0.436	0.496	0.467
5-YR AVG	0.575	0.541	0.511	0.583	0.465	0.423	0.446	0.454	0.457	0.478	0.502	0.558	0.497
10-YR AVG	0.542	0.525	0.508	0.534	0.449	0.403	0.427	0.439	0.452	0.461	0.486	0.505	0.479
15-YR AVG	0.529	0.519	0.514	0.529	0.451	0.418	0.442	0.454	0.479	0.483	0.521	0.534	0.492

(1) December - November season average.

(2) Information compiled from Ohio Agricultural Statistics, Ohio Department of Agriculture; and Agricultural Prices, USDA.

Figure 20. Market Eggs, Price Received per Dozen by Ohio Producers: Monthly, 1979-93. (1)



(1) Information compiled from Ohio Agricultural Statistics, Ohio Department of Agriculture; and Agricultural Prices, USDA.

CYCLES

HOGS

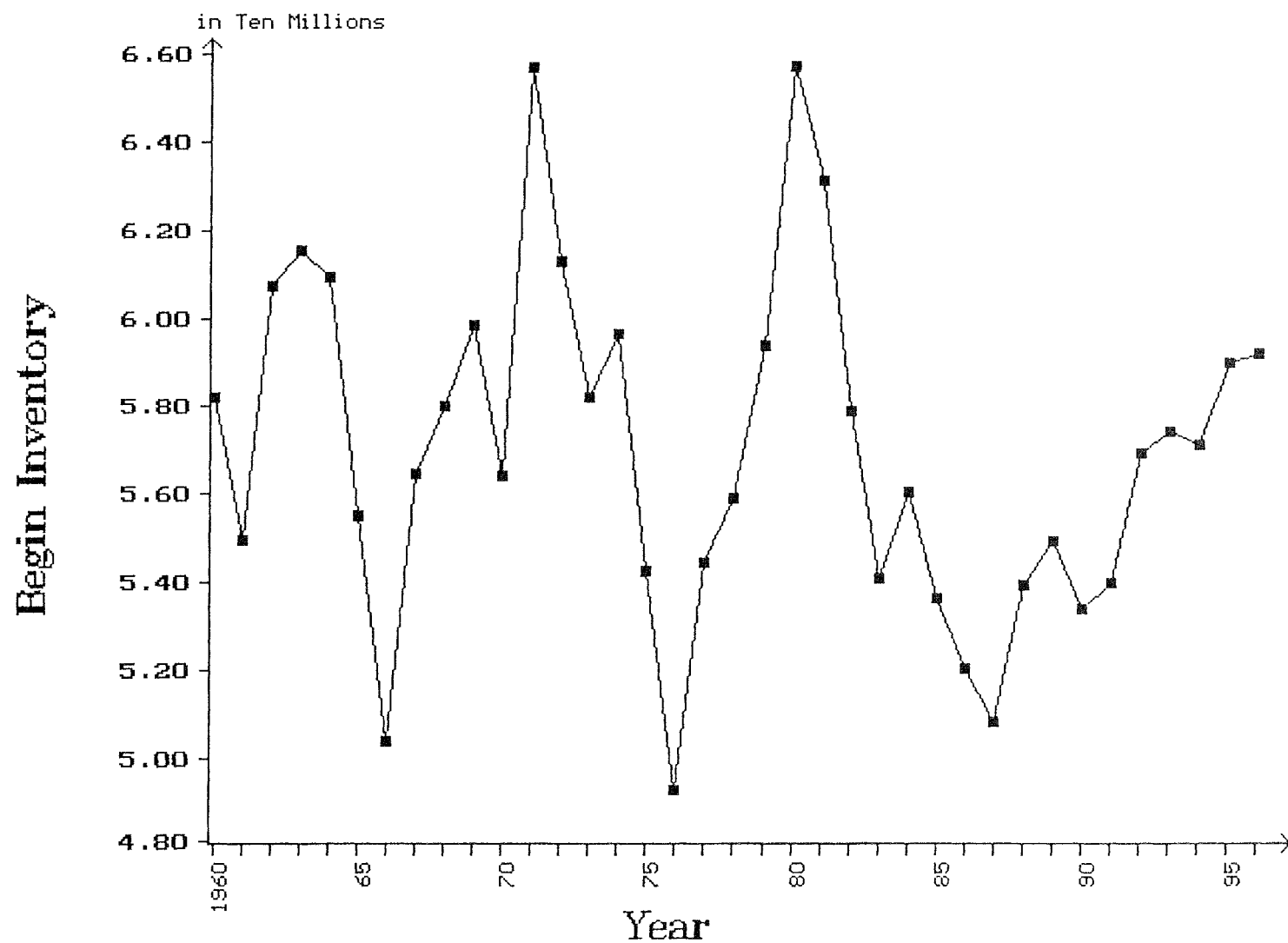
Inventory
Production
Price
Profit

BEEF

Inventory
Production
Value Per Head (price)
Profit

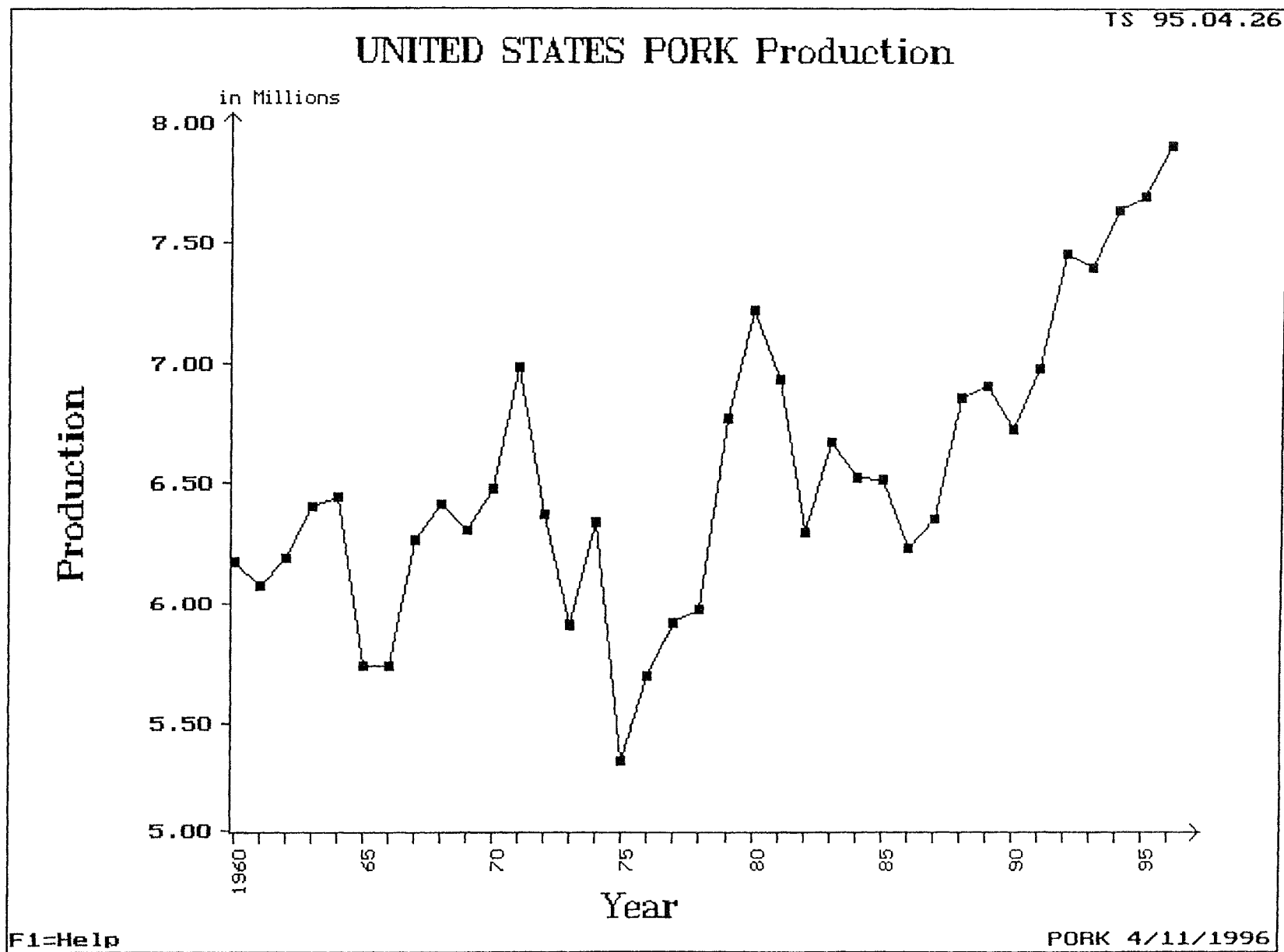
TS 95.04.26

UNITED STATES HOG INVENTORY Begin Inventory



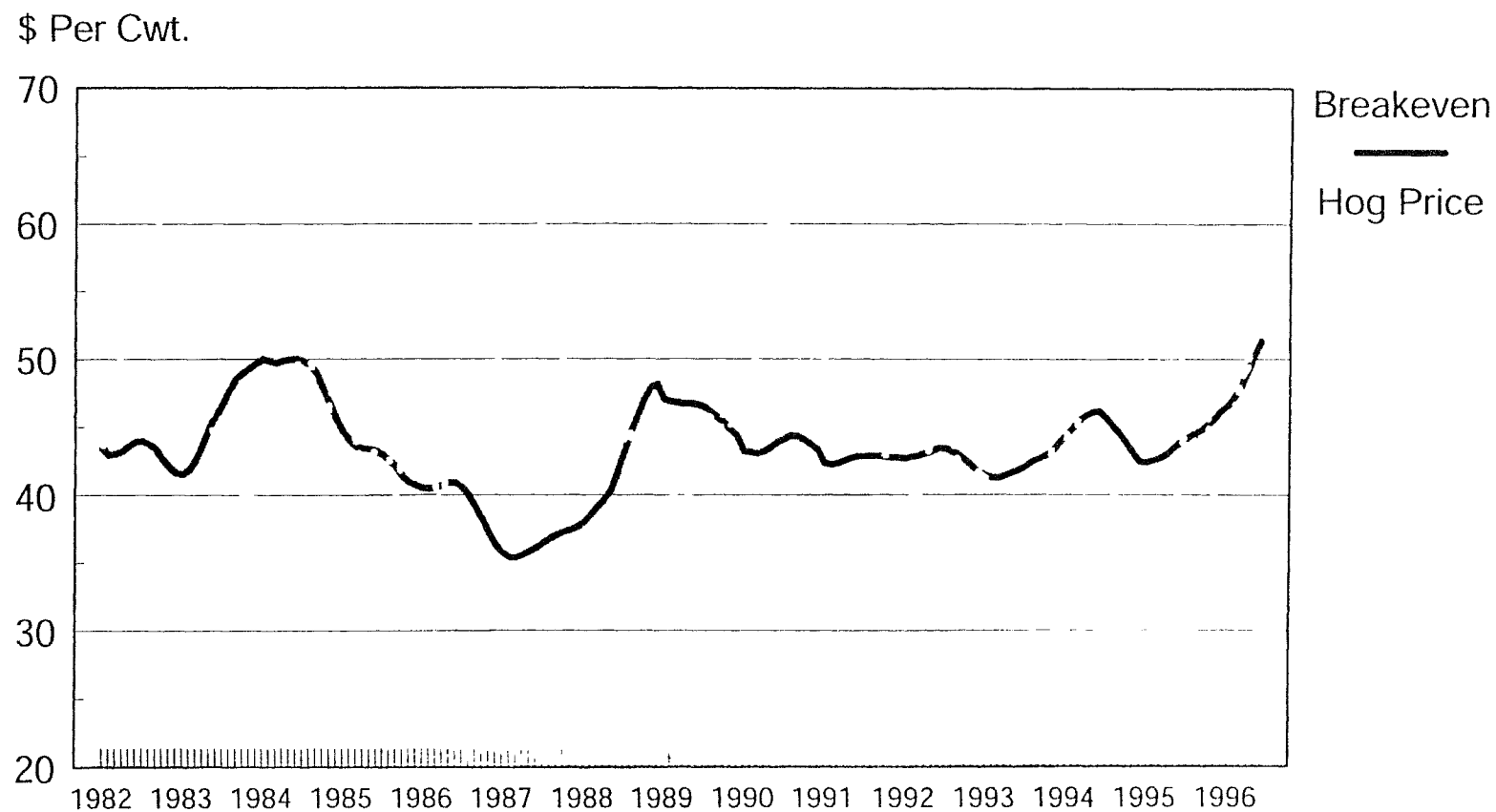
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SWINEINU 4/11/1996



MONTHLY AVERAGE COST/RETURNS -- HOGS

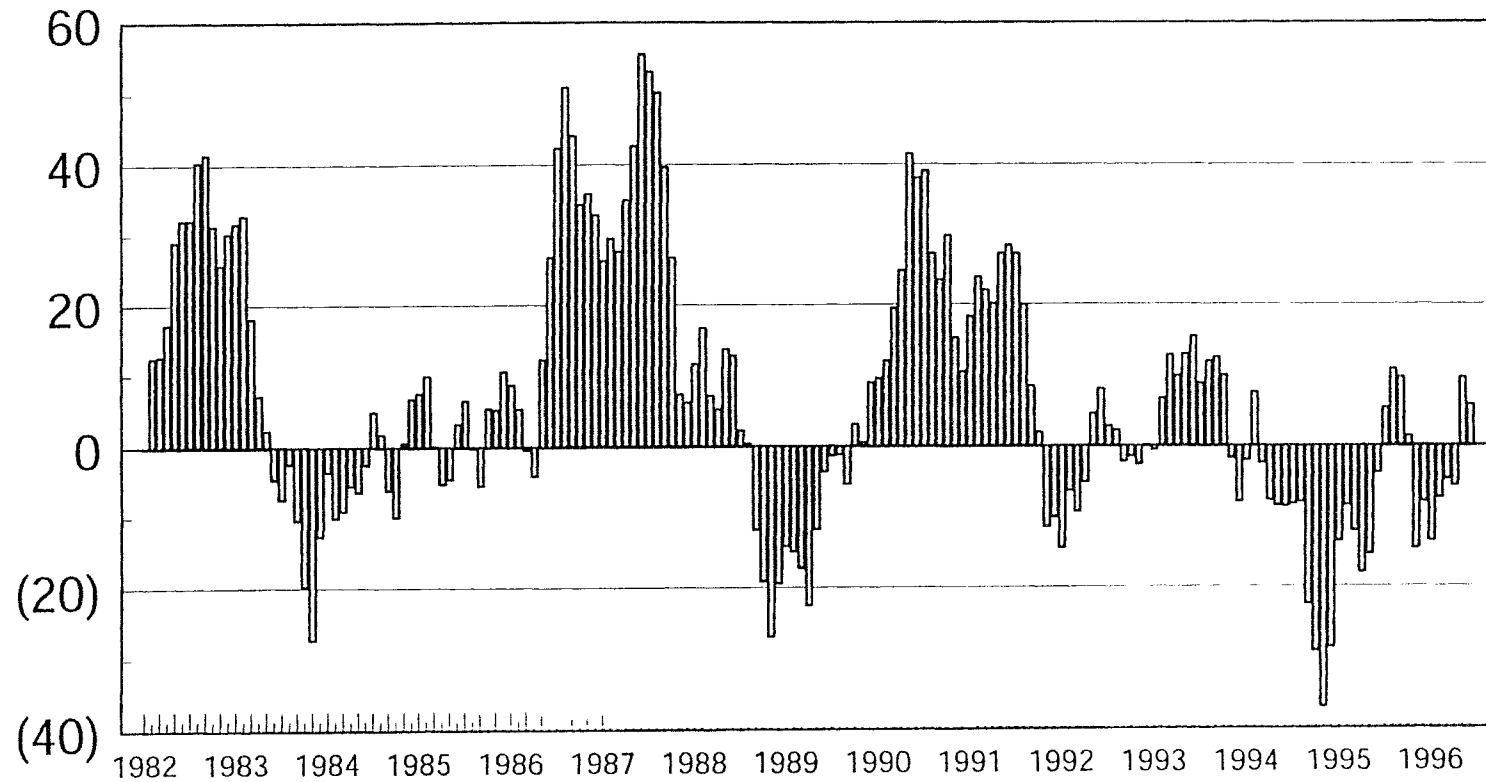
Farrow/Finish



MONTHLY AVERAGE RETURNS -- HOGS

Farrow/Finish

\$ Per Head

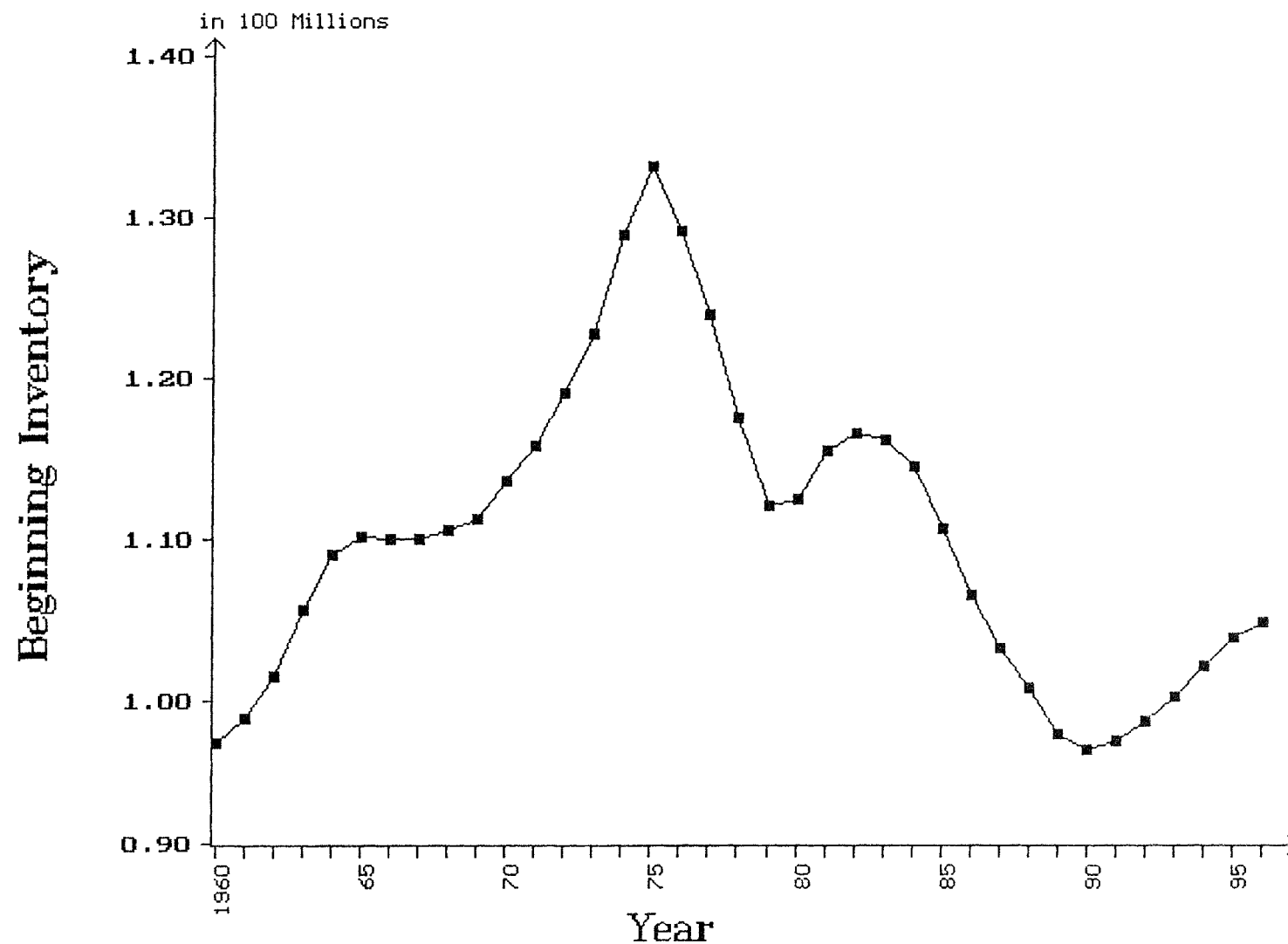


H-P-05
6/28/96

Livestock Marketing Information Center
Cooperative Extension Service

UNITED STATES CATTLE & BUFFALO INVENTOR Beginning Inventory

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CATTLEIN 4/11/1996

UNITED STATES BEEF & VEAL Production

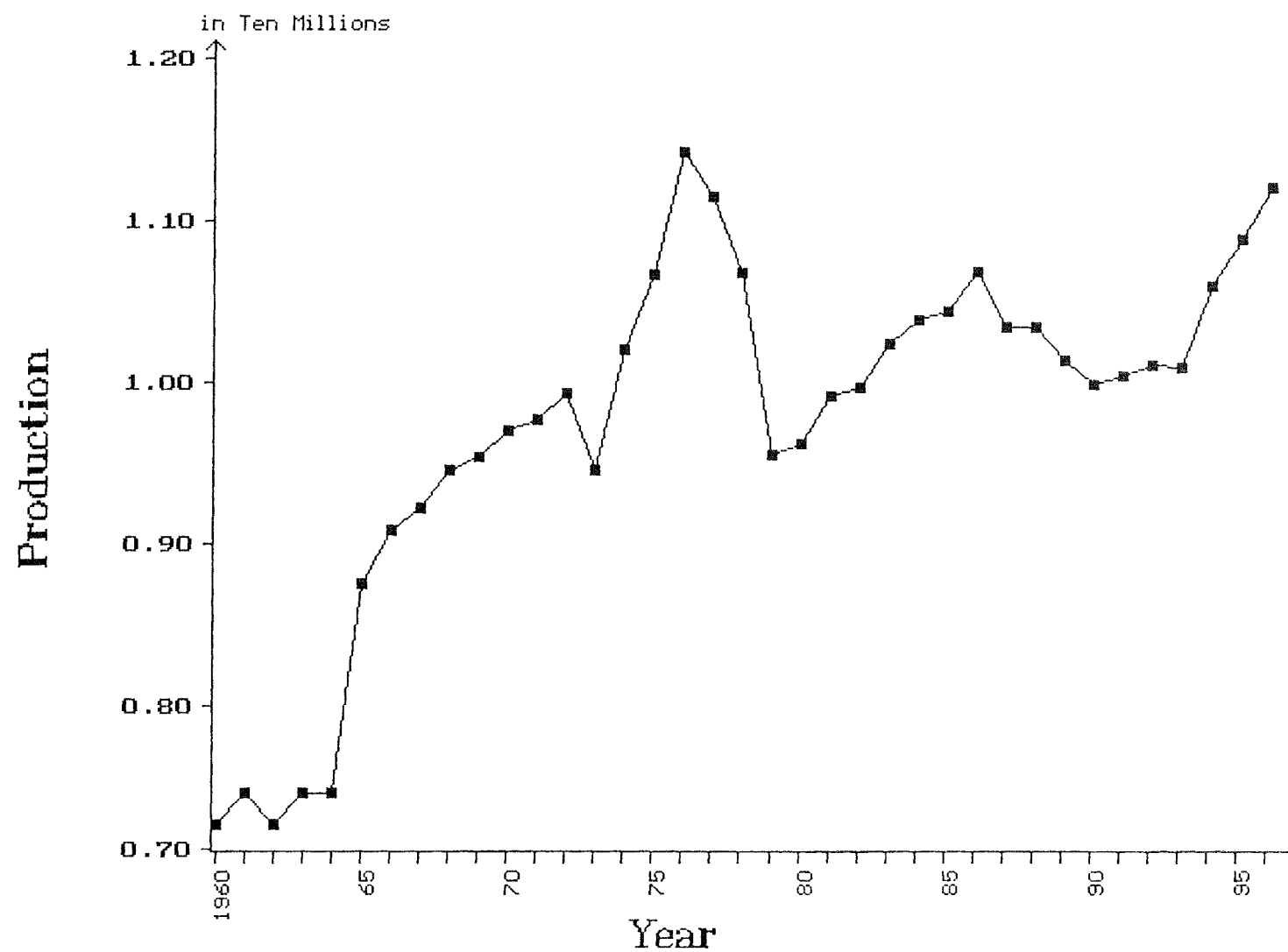
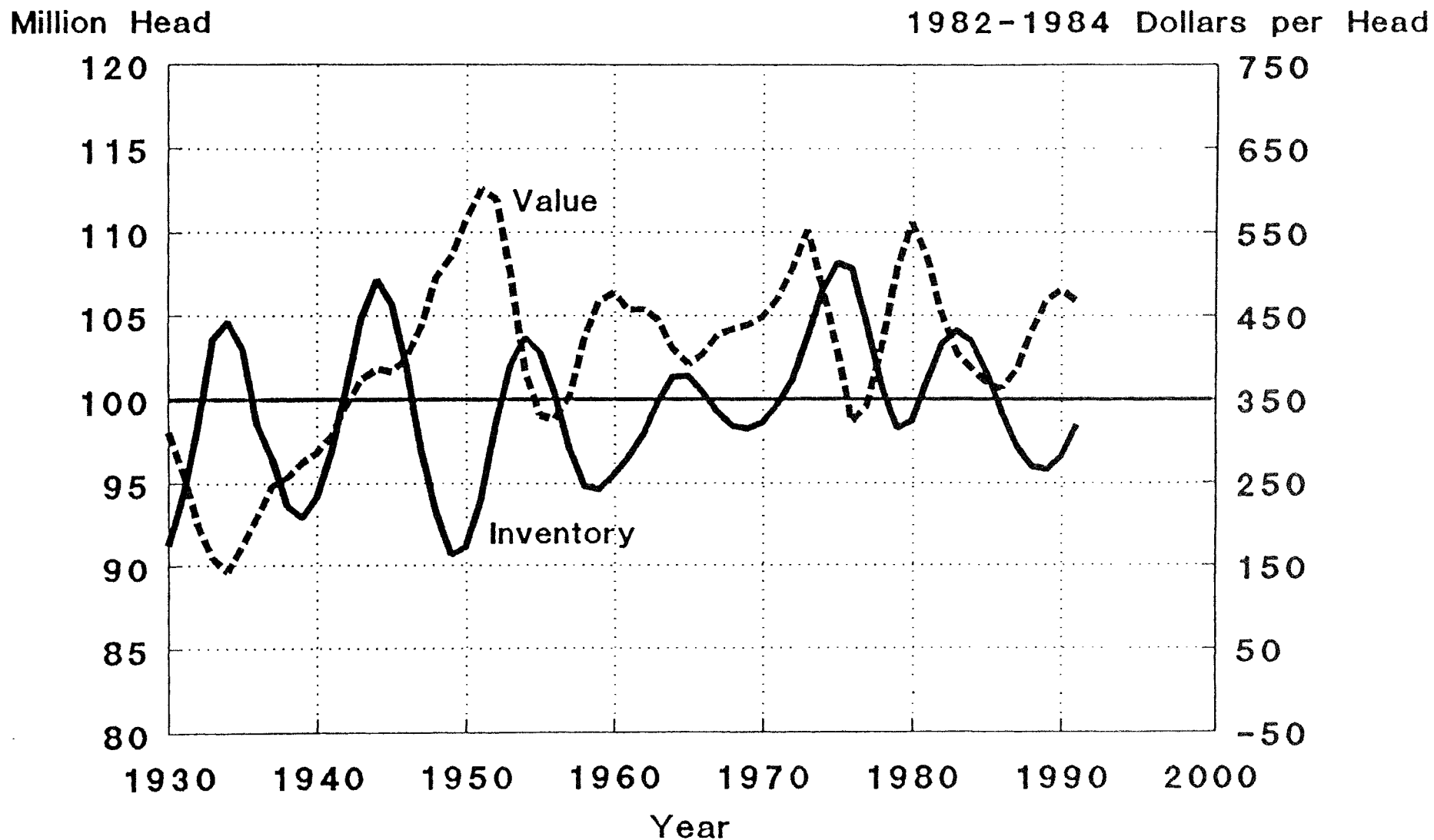


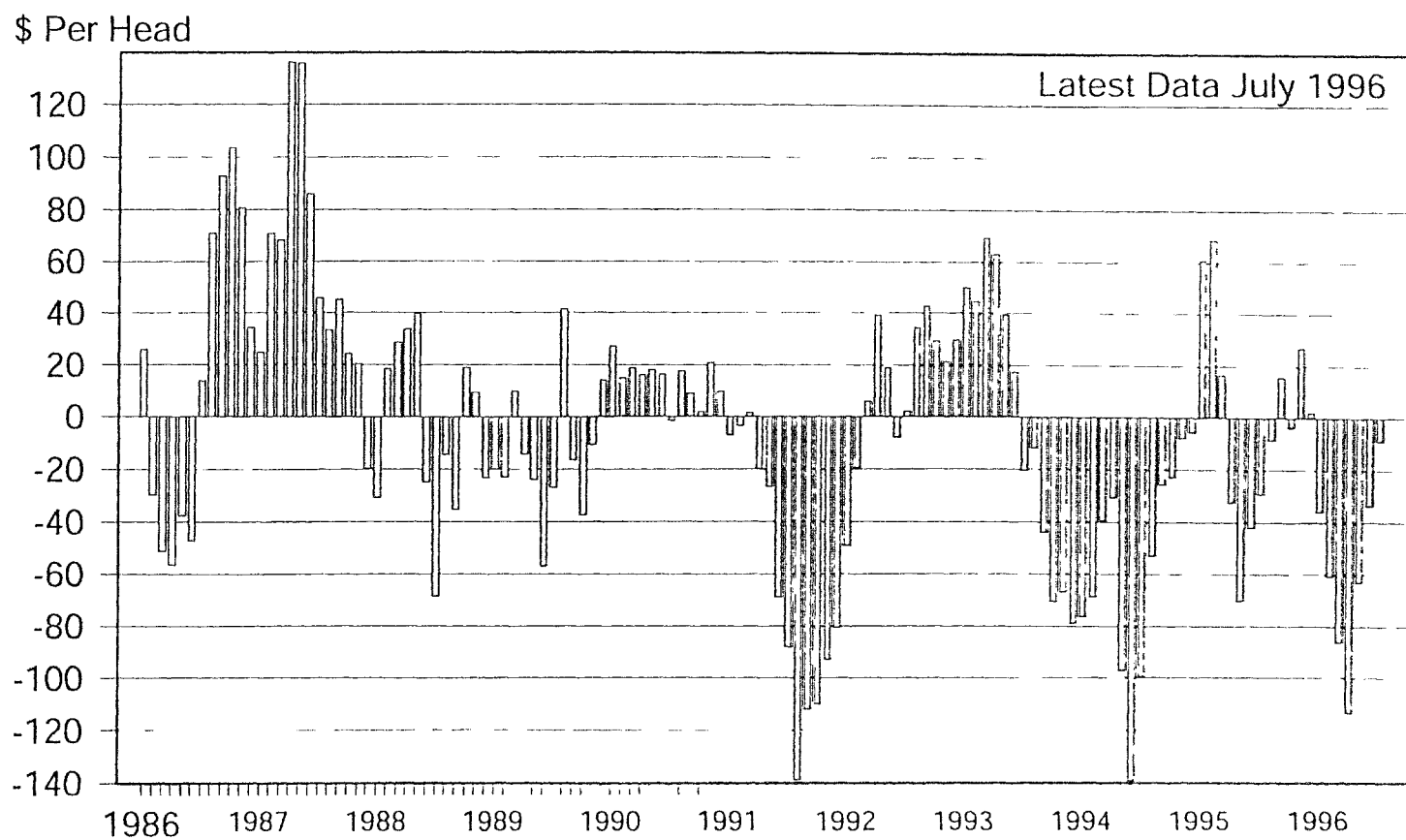
FIGURE 3: CATTLE: THREE-YEAR MOVING AVERAGE OF INVENTORY AS VARIATION FROM REGRESSED TREND, AND THREE-YEAR MOVING AVERAGE OF CONSTANT DOLLAR VALUE PER HEAD OF INVENTORY, U.S., 1930-2000



Source: USDA

AVERAGE RETURNS TO CATTLE FEEDERS

Feeding 725 Lb. Feeder Steer, Southern Plains, Monthly



TRENDS

Ohio Farm Income

Consumption

U.S.

Per Capita

Total

Beef

Pork

Poultry

Foreign

Beef

Pork

Poultry

Production (Ohio)

Eggs

Turkey

Broiler

Meat Exports

Production Per Cow

Table 2: OHIO: Cash Receipts from Farm Marketings of Crops, Livestock, and Livestock Products, Excluding Government Payments, Ohio, Selected Years, 1925-1988

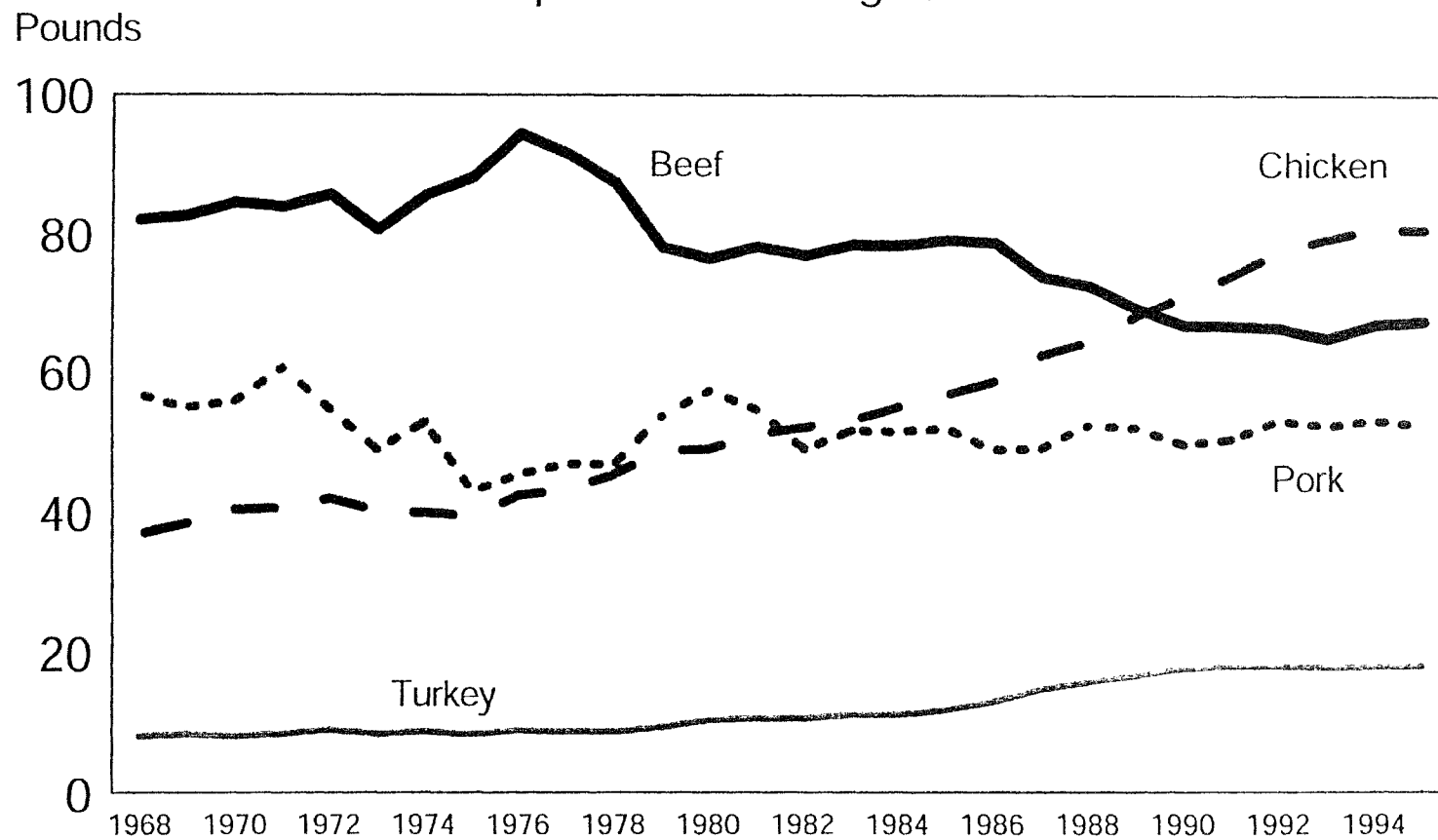
(Millions of dollars)										
Year	Cash Receipts			Percent of Cash Receipts 1/						
	Total	Crops	Livestock & Livestock Products	Crops	Livestock & Livestock Products	Cattle and Calves 2/	Hogs and Pigs	Sheep and Lambs 3/	Dairy Products	Poultry and Eggs
1925	378	131	247	34.6	65.4	7.9	16.9	3.6	19.7	17.3
1930	315	81	234	25.7	74.3	9.2	20.0	2.9	23.7	18.1
1935	296	88	209	29.4	70.6	11.1	17.8	3.9	21.1	15.8
1940	318	92	226	28.9	71.1	13.5	18.2	5.0	20.3	13.5
1945	734	223	512	30.3	69.7	10.9	19.8	2.7	20.9	15.9
1950	894	286	608	32.0	68.0	13.1	21.2	2.1	20.3	11.5
1955	991	392	599	39.6	60.4	11.8	14.8	1.8	20.5	11.1
1960	1,002	400	602	39.9	60.1	14.2	13.8	1.4	20.8	9.3
1965	1,096	426	670	38.9	61.1	16.2	15.2	1.2	19.8	8.0
1970	1,378	600	778	43.5	56.5	15.5	14.2	0.9	18.6	6.7
1975	2,552	1,426	1,125	55.9	44.1	12.1	12.0	0.5	14.6	4.6
1980	4,193	2,821	1,372	67.3	32.7	9.3	6.3	0.3	13.2	3.2
1981	3,344	1,912	1,432	57.0	43.0	10.1	9.1	0.3	17.9	4.6
1982	3,596	2,066	1,530	57.5	42.5	9.7	11.0	0.2	17.2	4.4
1983	3,557	2,034	1,523	57.2	42.8	9.3	9.7	0.2	18.1	4.6
1984	3,626	1,980	1,646	54.6	45.4	9.6	10.2	0.3	17.1	6.6
1985	4,076	2,562	1,514	62.9	37.1	8.4	8.1	0.3	15.2	4.4
1986	3,589	2,003	1,586	55.8	44.2	9.6	10.2	0.3	17.1	6.0
1987	3,422	1,808	1,614	52.8	47.2	10.9	11.6	0.4	17.8	5.5
1988	3,563	1,979	1,584	55.6	44.4	11.0	10.4 4/	0.3	16.1	5.9
1989	3,812	2,114	1,698	55.5	44.5	10.3	10.1	0.2	15.9	7.2
1992	4,110	2,560	1,550	62.3	37.7	7.1	7.8	0.2	15.2	6.3
1993	4,491	2,835	1,656	63.1	36.9	7.8	7.7	0.2	13.3	6.7
1994	4,475	2,898	1,577	64.8	35.2	6.4	6.3	0.3	13.4	7.8

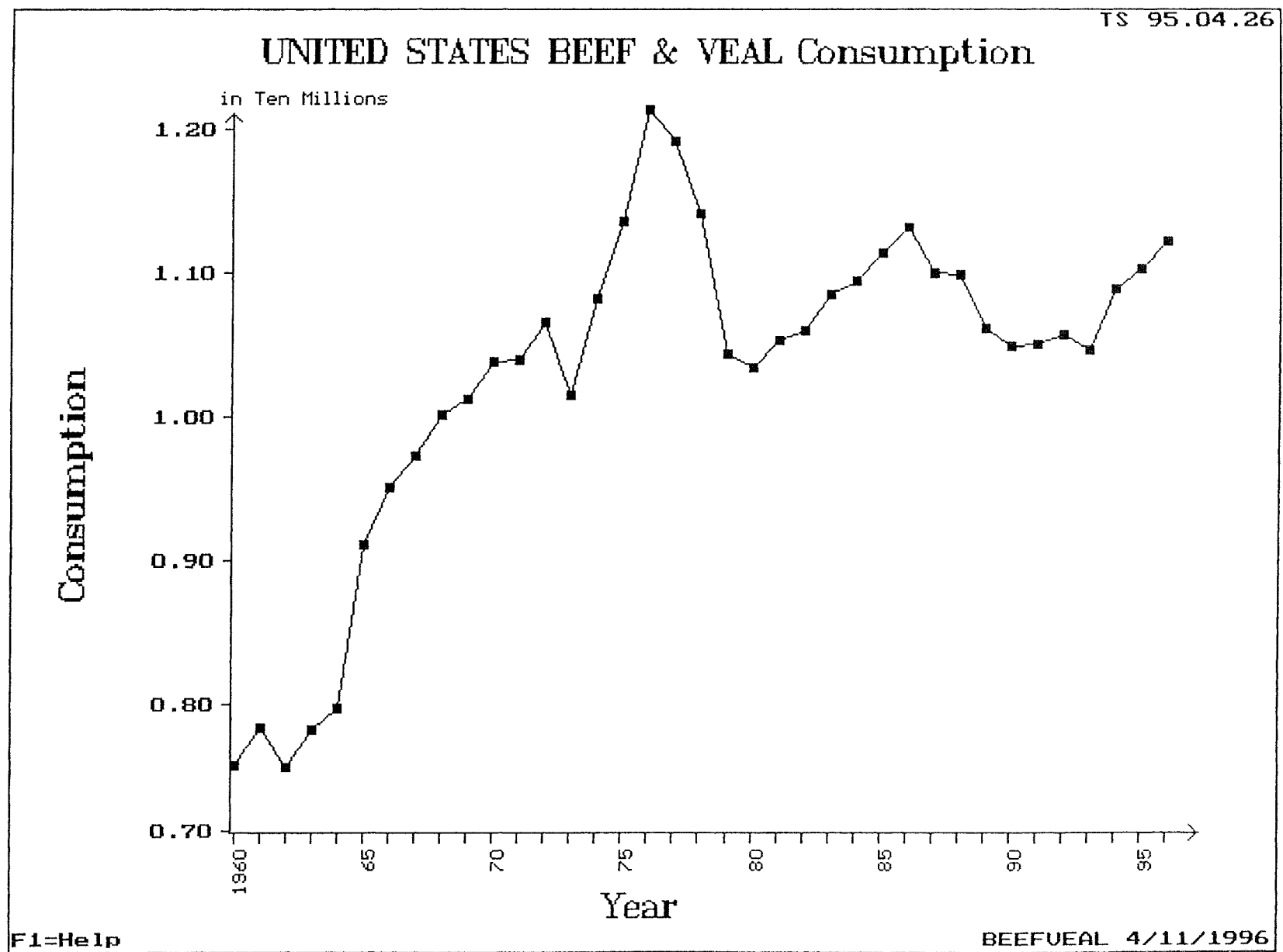
1/ Small errors are imbedded in the early data, before 1955, gleaned from several sources, including revised totals but unrevised components. 2/ Includes dairy cattle. 3/ Includes wool. 4/ Hogs only

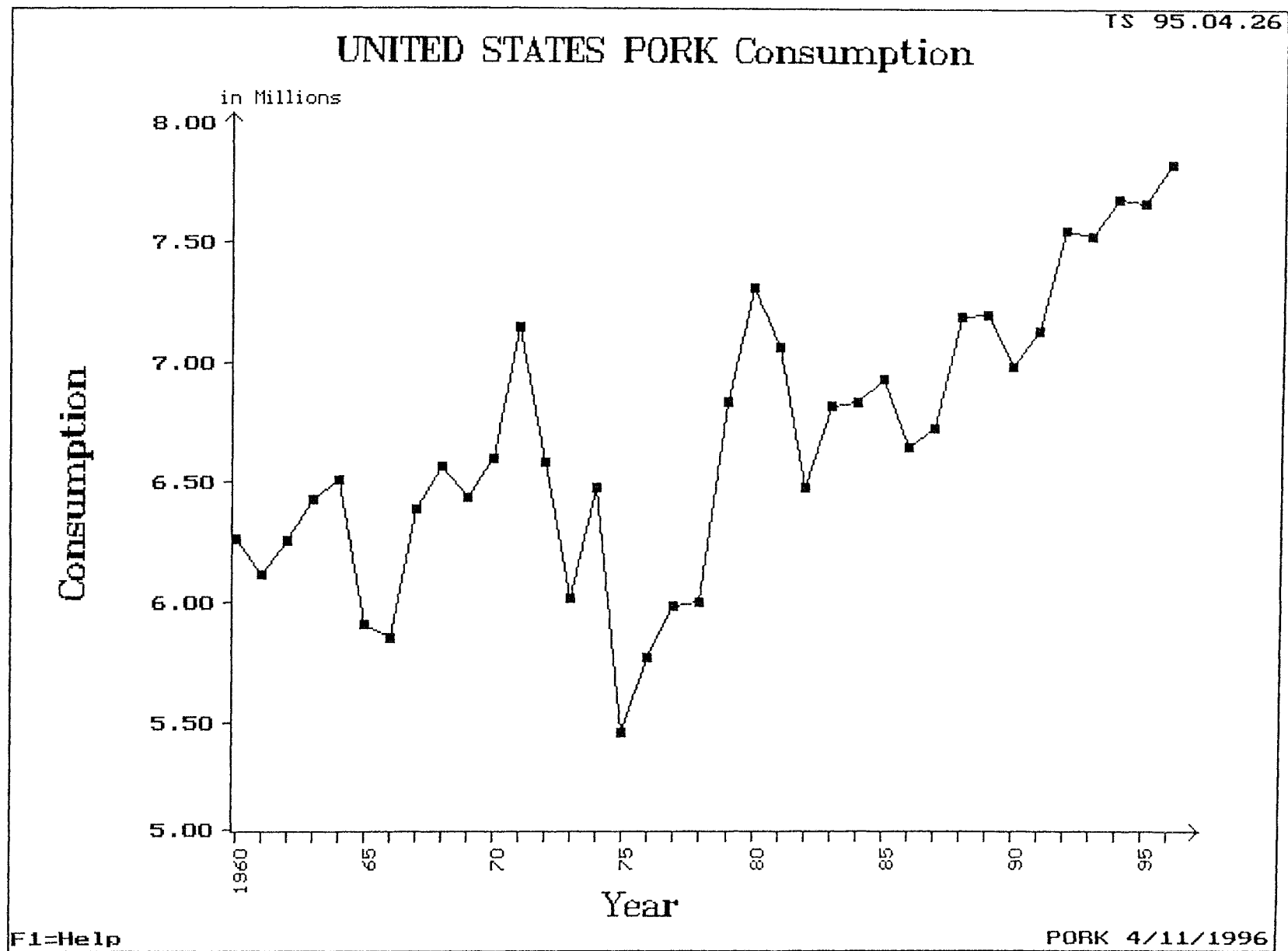
Source: After 1940, Ohio Farm Income, Ohio Agricultural Statistics. Before 1940, Income Parity for Agriculture: Part 1 - Farm Income, Sections 3(7-38), 4(11-38), 6(3-39), 12(1-40), 16(7-42), Bureau of Agricultural Economics, U.S. Department of Agriculture.

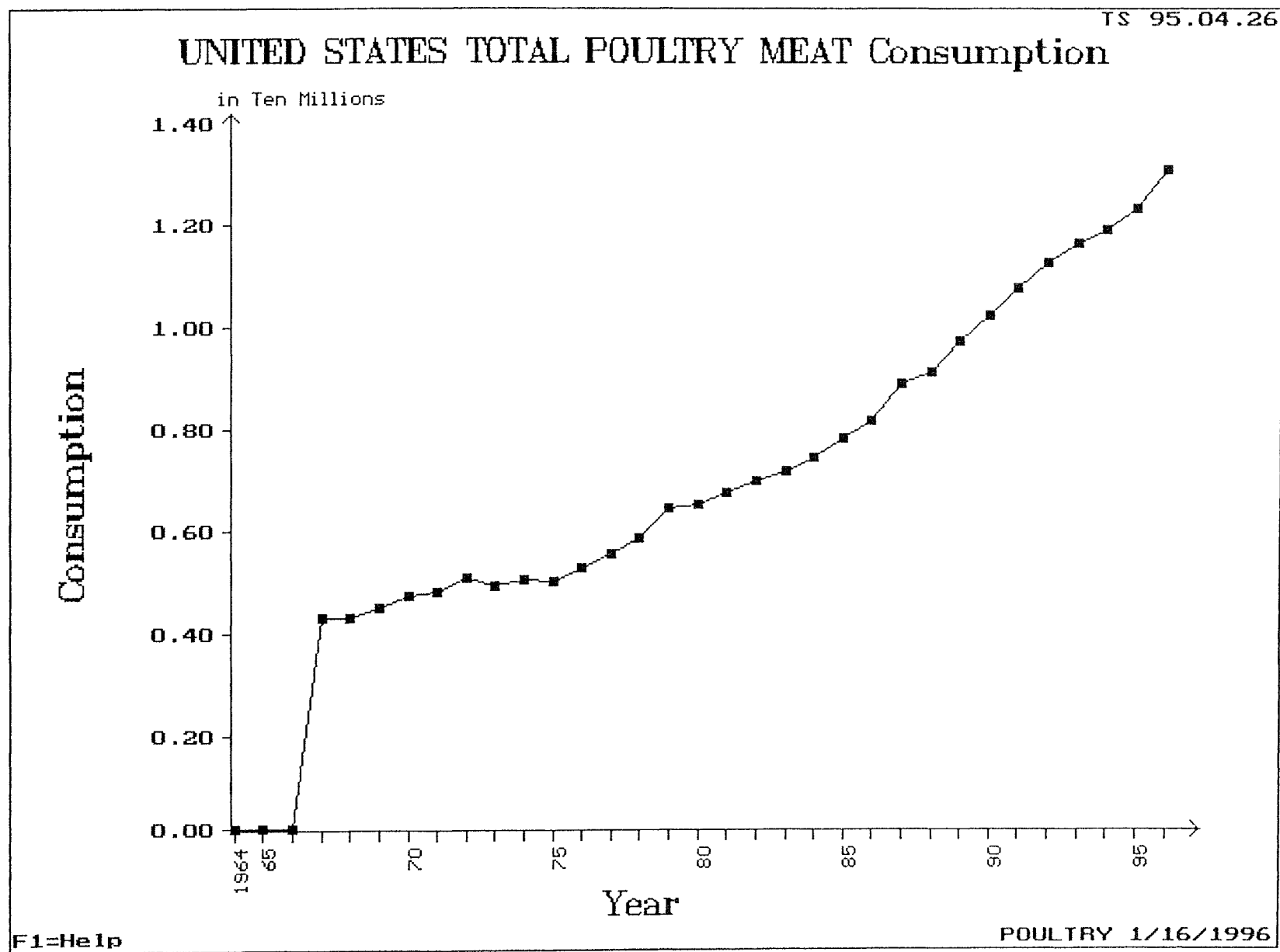
BEEF, PORK, AND POULTRY CONSUMPTION

Per Capita, Retail Weight, Annual

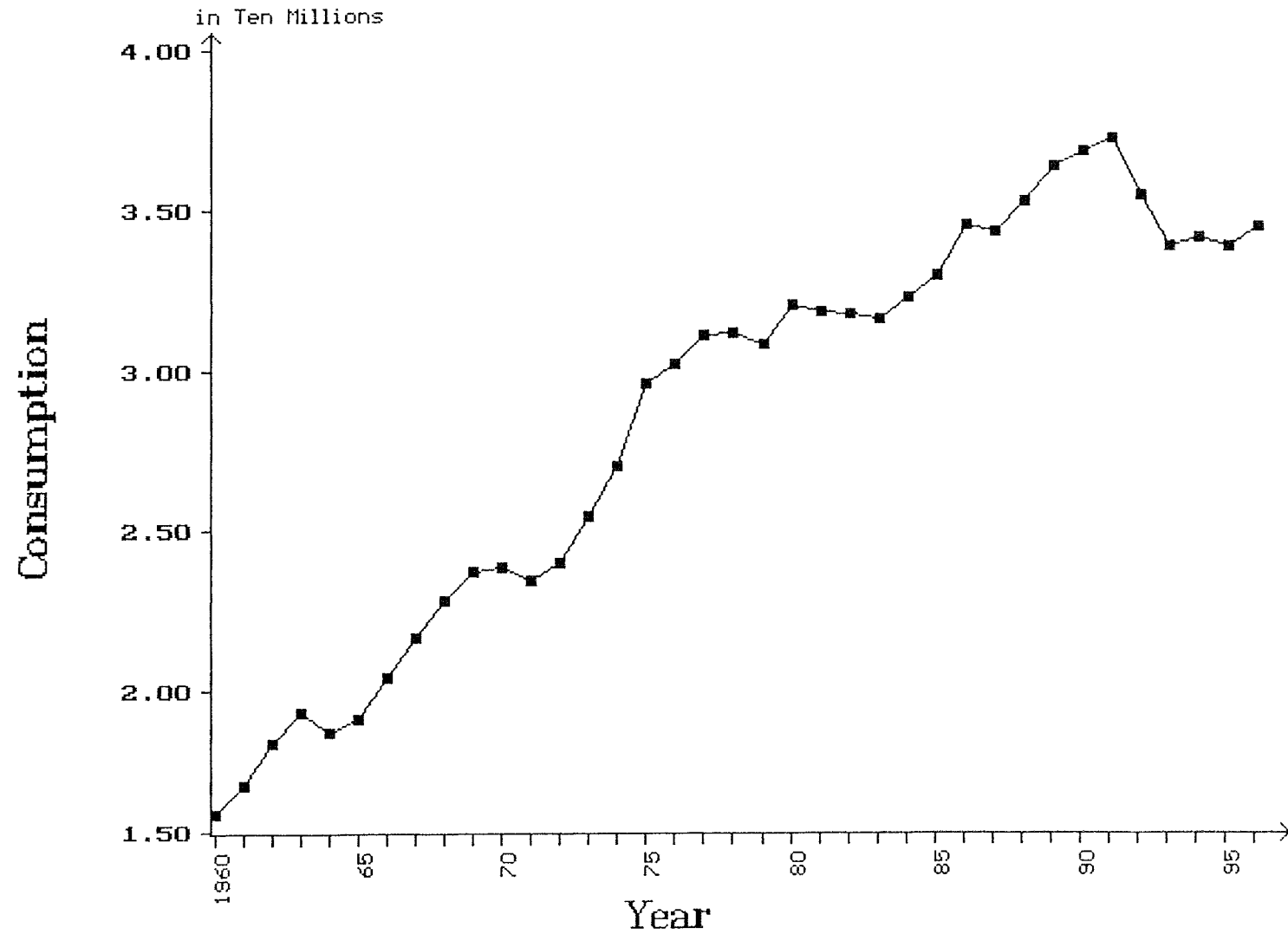


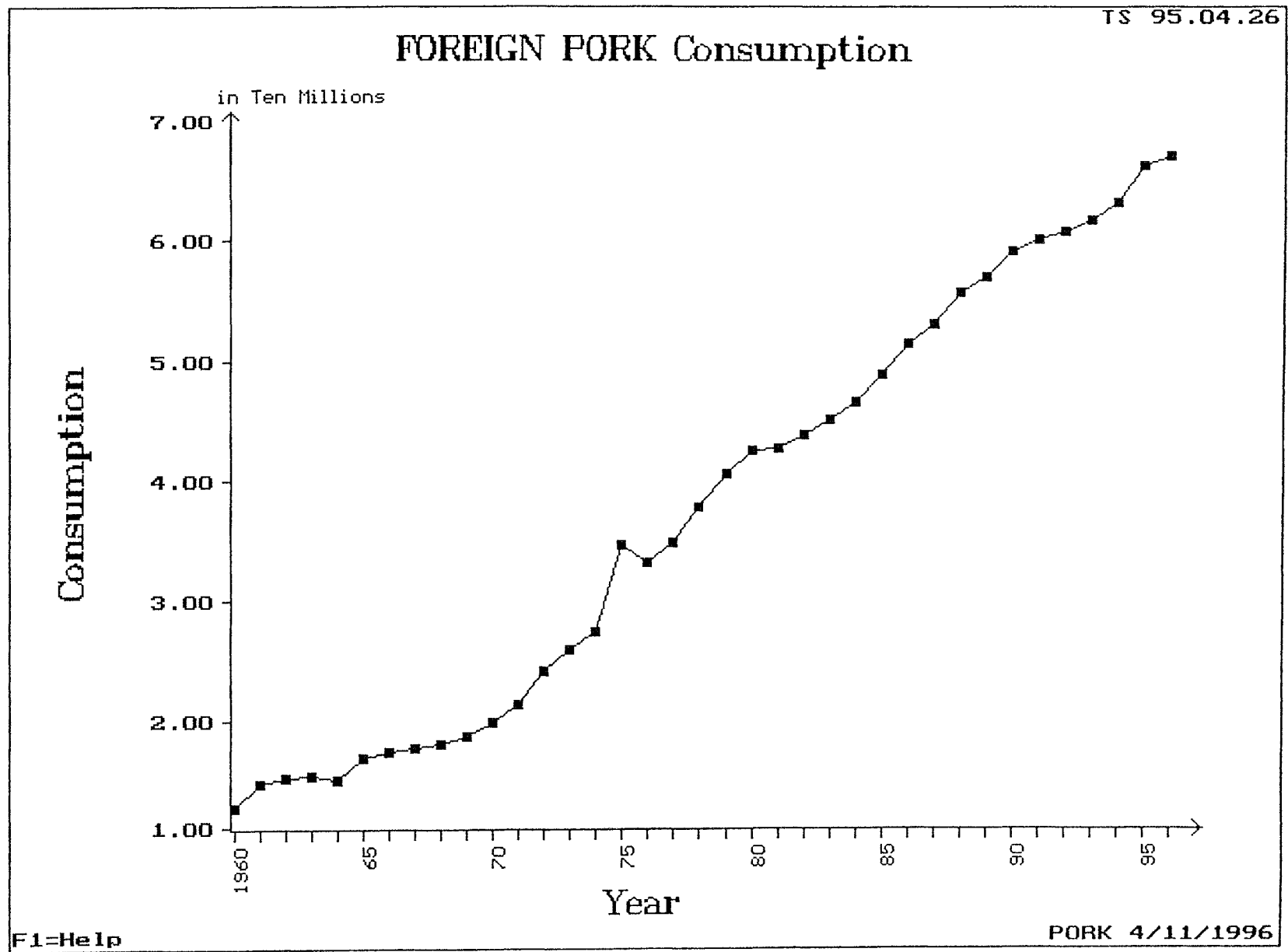


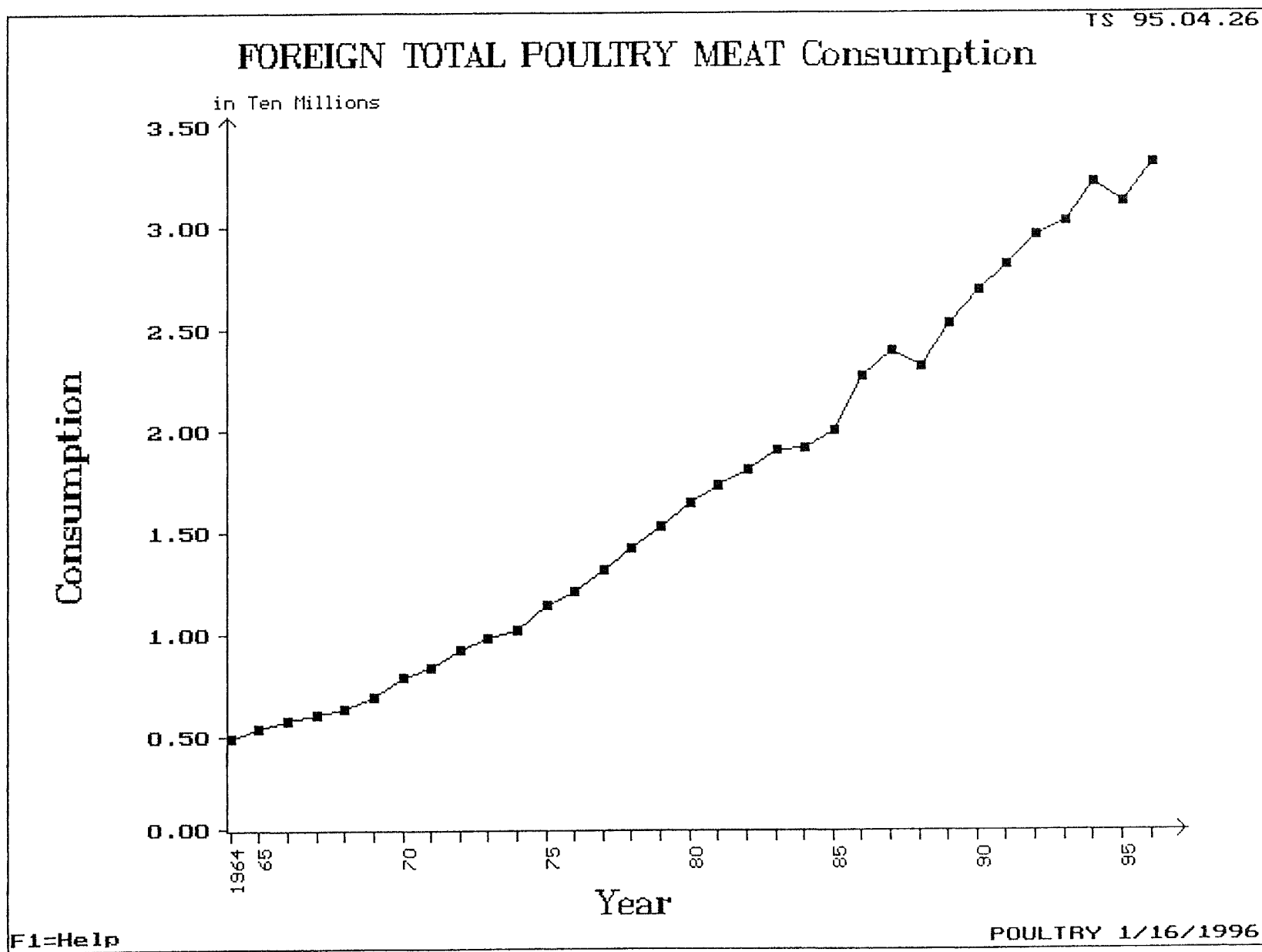




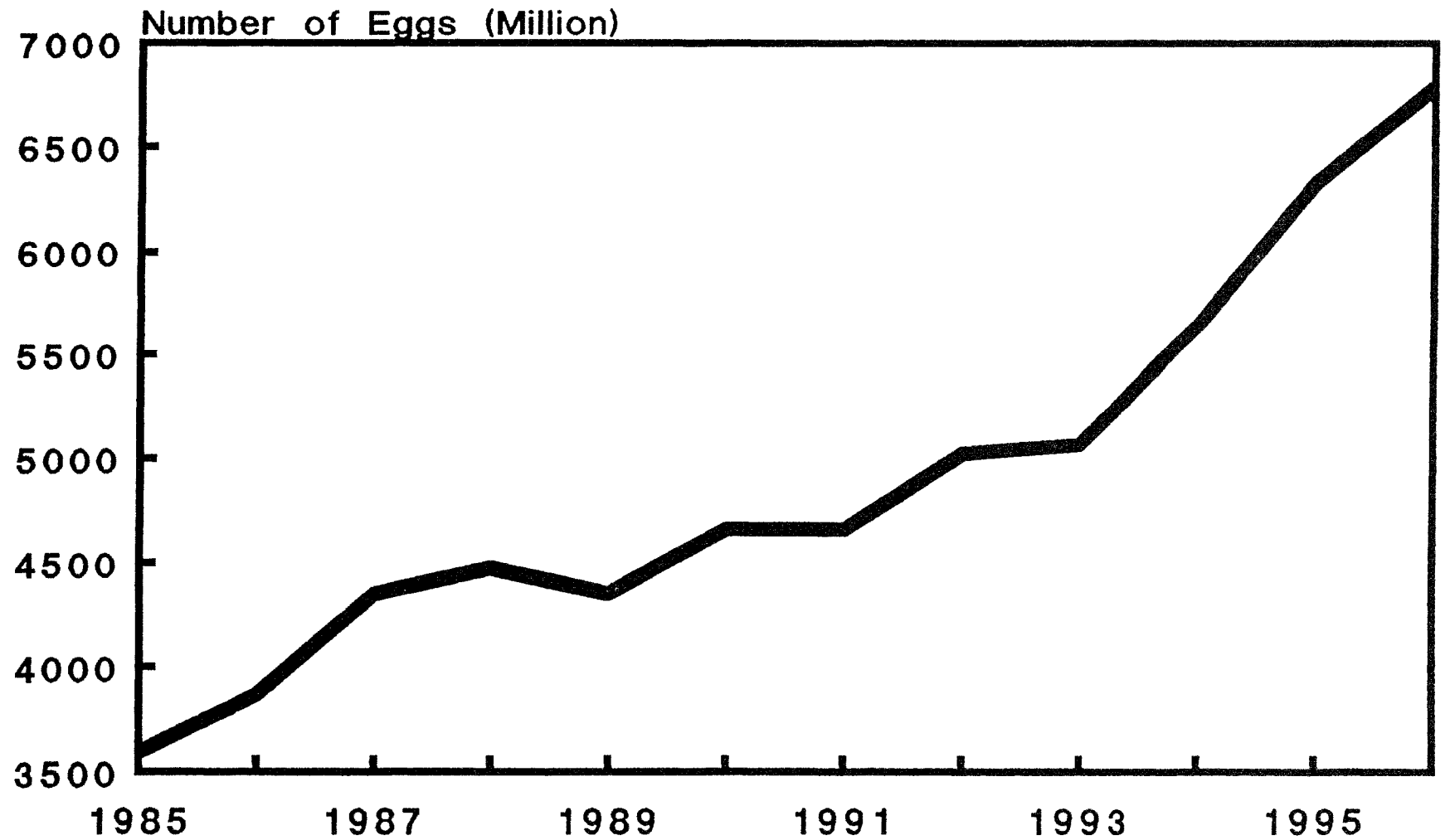
FOREIGN BEEF & VEAL Consumption





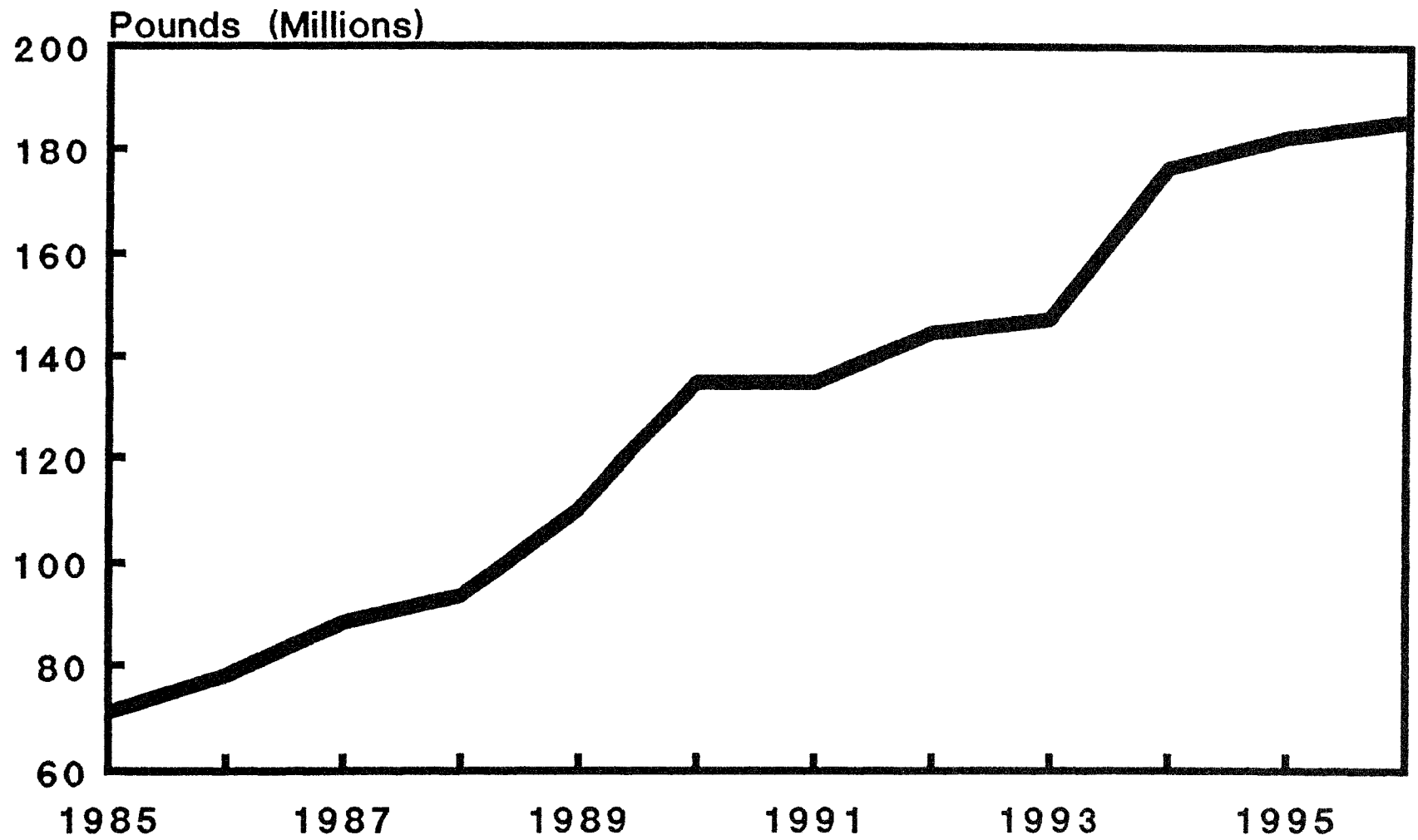


EGG PRODUCTION OHIO, 1985-1996



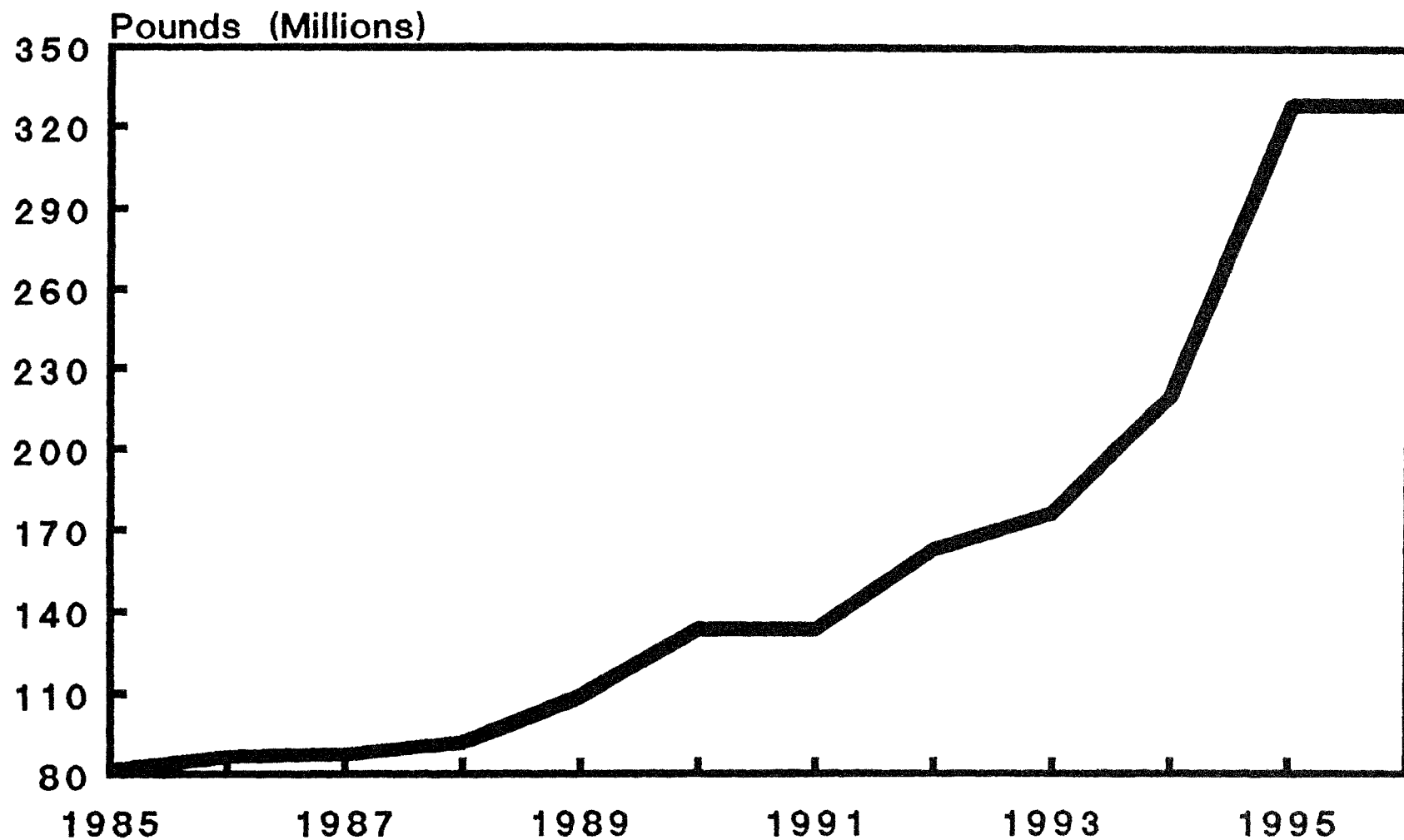
1995/96 Estimated/Projected

TURKEY PRODUCTION OHIO, 1985-1996



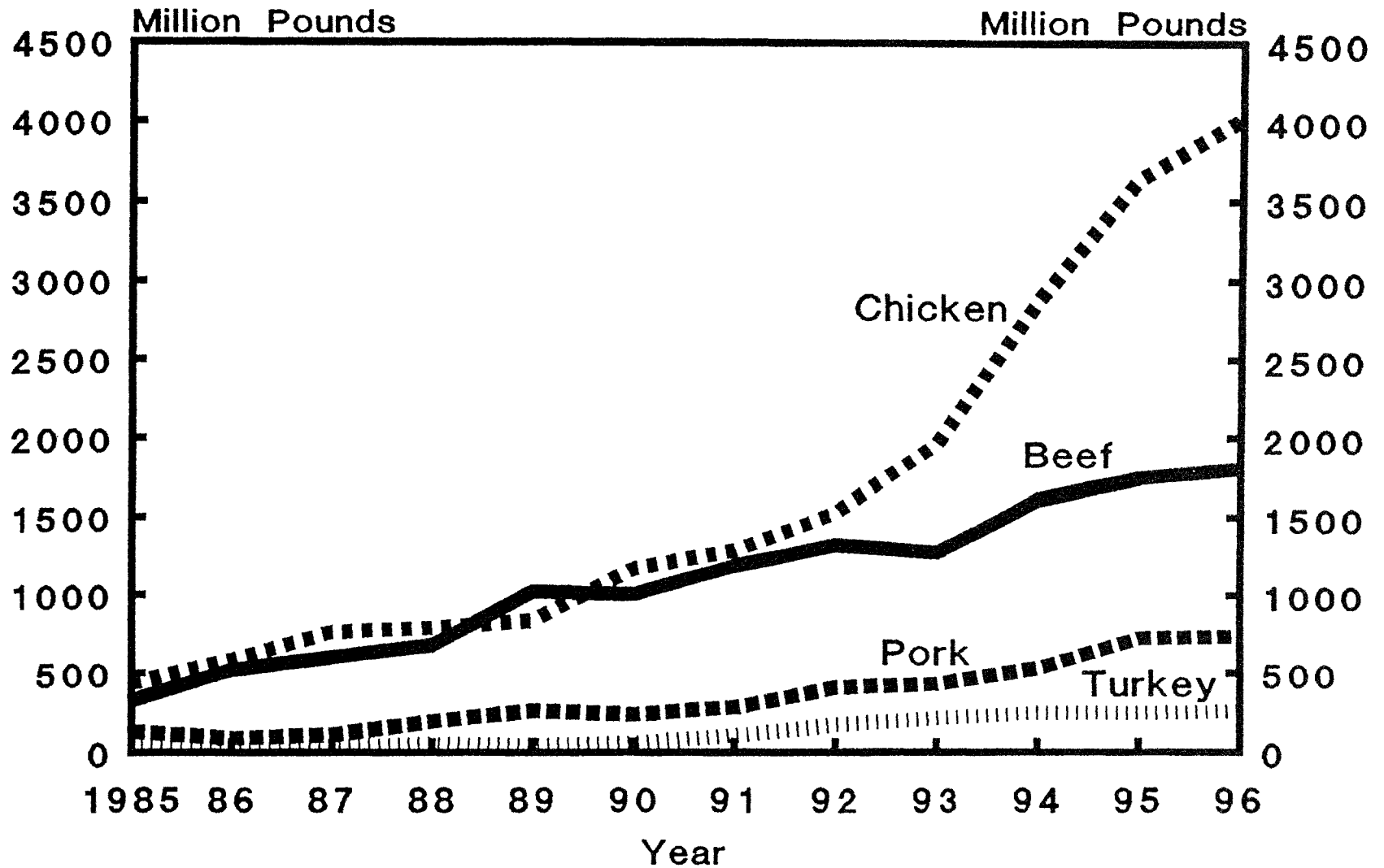
1995/96 Estimated/Projected

BROILER PRODUCTION & CHICKEN SOLD OHIO, 1985-1996



1995/96 Estimated/Projected

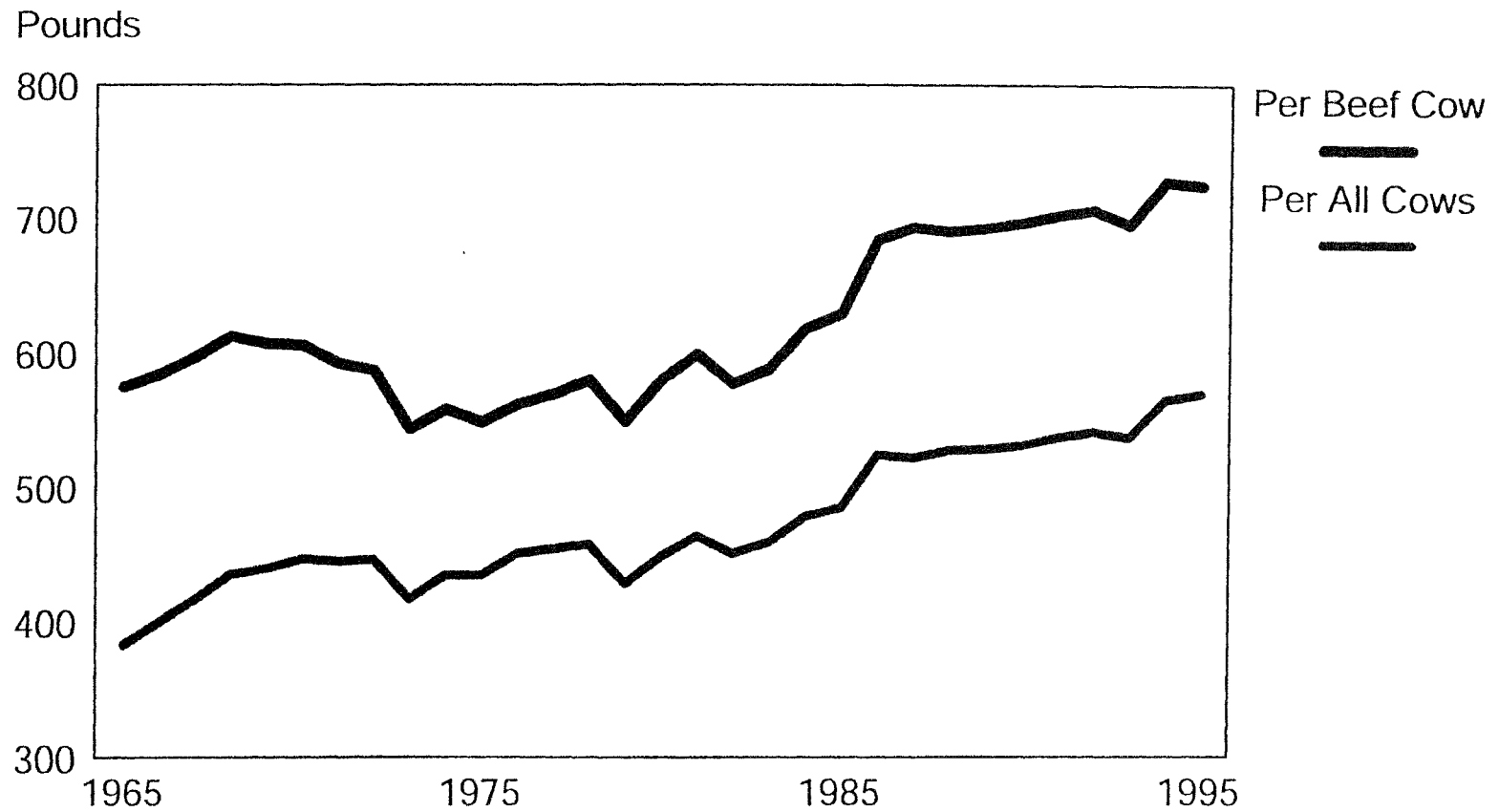
U.S. MEAT EXPORTS



1995/1996 Estimated/Projected
Revised 10/95

BEEF PRODUCTION PER COW

Annual 1965-1995



GEOGRAPHIC CENTERS FOR LIVESTOCK PRODUCTION

HOGS

BEEF

Table 6: HOG AND PIG INVENTORY: Thousands of Hogs and Pigs on Farms, with Percentage Distributions and Changes, by Regions and Selected States United States, January 1, 1960, and December 1, 1974 and 1989

Region and State	1960		1974		1989		1989 as Percent of 1960	1995 as Percent of U.S.
	Thousand Head	Percent of U.S.	Thousand Head	Percent of U.S.	Thousand Head	Percent of U.S.		
NORTHEAST	1,075	1.8	918	1.7	1,198	2.2	111.4	2.1
Pennsylvania	558	0.9	633	1.2	975	1.8	174.7	1.7
All Other	517	0.9	285	0.5	223	0.4	43.1	2.4
NORTH CENTRAL	43,957	74.5	42,687	77.6	42,840	79.7	97.5	71.8
Ohio	2,707	4.6	1,950	3.5	2,080	3.9	76.8	3.1
Indiana	4,949	8.4	4,300	7.8	4,350	8.1	87.9	6.9
Illinois	7,469	12.7	6,500	11.9	5,700	10.6	76.3	8.1
Michigan	797	1.3	715	1.3	1,260	2.3	158.1	1.9
Wisconsin	1,963	3.3	1,400	2.5	1,150	2.1	58.6	1.6
Total ENC	17,885	30.3	14,865	27.0	14,540	27.0	81.3	21.6
Minnesota	3,594	6.1	3,700	6.7	4,450	8.3	123.8	8.4
Iowa	12,951	22.0	13,400	24.4	13,500	25.2	104.2	23.9
Missouri	4,232	7.2	3,900	7.1	2,700	5.0	63.8	6.0
N. Dakota	288	0.5	322	0.6	280	0.5	97.2	0.5
S. Dakota	1,328	2.2	1,700	3.1	1,720	3.2	129.5	2.5
Nebraska	2,502	4.2	3,050	5.5	4,200	7.8	167.9	6.8
Kansas	1,177	2.0	1,750	3.2	1,450	2.7	123.2	2.1
Total WNC	26,072	44.2	27,822	50.6	28,300	52.7	108.5	50.2
SOUTH	12,568	21.3	10,266	18.7	8,753	16.3	69.6	22.4
N. Carolina	1,520	2.6	1,890	3.4	2,570	4.8	169.1	13.8
Georgia	1,780	3.0	1,590	2.9	1,200	2.2	67.4	1.6
Kentucky	1,474	2.5	1,100	2.0	975	1.8	66.1	1.3
Tennessee	1,453	2.5	780	1.4	700	1.3	48.2	0.9
Arkansas	478	0.8	270	0.5	710	1.3	148.5	0.0
All Other	5,863	9.9	4,636	8.4	2,598	4.8	44.3	4.8
WEST	1,426	2.4	1,129	2.0	990	1.8	69.4	3.7
48 STATES	59,026	100.0	55,000	100.0	53,781	100.0	91.1	100.0

Source: For January 1, 1960 and December 1, 1974, Livestock and Meat Statistics, Annual Summaries, SRS, ERS, USDA. For December 1, 1989, Meat Animals: Production, Disposition, and Income, NASS, USDA, April, 1992.

Table 7: CATTLE AND CALF INVENTORY: Thousands of Cattle and Calves on Farms, with Percentage Distributions and Changes, by Regions and Selected States, United States, 1960, 1975 and 1990

Region and State	1960		1975		1990		1990 as Percent of 1960	1996 as Percent of U.S.
	Thousand Head	Percent of U.S.	Thousand Head	Percent of U.S.	Thousand Head	Percent of U.S.		
NORTHEAST	5,285	5.5	4,726	3.6	4,083	4.2	77.3	4.1
Pennsylvania	1,913	2.0	1,960	1.5	1,860	1.9	97.2	1.7
All Other	3,372	3.5	2,766	2.1	2,223	2.3	65.9	2.4
NORTH CENTRAL	43,383	45.1	53,420	40.6	38,325	39.1	88.3	38.3
Ohio	2,250	2.3	2,350	1.8	1,650	1.7	73.3	1.5
Indiana	2,062	2.1	2,125	1.6	1,250	1.3	60.6	1.1
Illinois	3,981	4.1	3,200	2.4	1,950	2.0	49.0	1.7
Michigan	1,701	1.8	1,640	1.3	1,225	1.3	72.0	1.1
Wisconsin	4,253	4.5	4,640	3.5	4,170	4.2	98.0	3.7
Total ENC	<u>14,247</u>	<u>14.8</u>	<u>13,955</u>	<u>10.6</u>	<u>10,245</u>	<u>10.5</u>	<u>71.9</u>	9.1
Minnesota	3,975	4.1	4,430	3.4	2,600	2.7	65.4	2.8
Iowa	6,660	7.0	7,350	5.5	4,500	4.6	67.6	3.8
Missouri	3,980	4.1	6,800	5.2	4,400	4.5	110.6	4.5
N. Dakota	1,758	1.8	2,635	2.0	1,700	1.7	96.7	1.9
S. Dakota	3,262	3.4	4,950	3.8	3,380	3.4	103.6	3.8
Nebraska	5,072	5.3	6,900	5.2	5,800	5.9	114.4	6.1
Kansas	4,429	4.6	6,400	4.9	5,700	5.8	128.7	6.3
Total WNC	<u>29,136</u>	<u>30.3</u>	<u>39,465</u>	<u>30.0</u>	<u>28,080</u>	<u>28.6</u>	<u>96.4</u>	29.2
SOUTH	30,277	31.5	50,329	38.2	36,391	37.1	120.2	38.0
Texas	9,106	9.5	16,600	12.6	13,200	13.4	145.0	14.5
Oklahoma	3,378	3.5	6,500	4.9	5,250	5.4	155.4	5.4
Arkansas	1,374	1.4	2,680	2.0	1,700	1.7	123.7	1.8
Tennessee	1,858	1.9	3,300	2.5	2,420	2.5	130.2	2.6
Kentucky	2,053	2.1	3,750	2.9	2,300	2.3	112.0	2.6
All Other	12,508	13.1	17,499	13.3	11,521	11.8	92.1	11.1
WEST	17,291	17.9	23,092	17.6	19,150	19.6	110.8	19.5
California	4,121	4.3	5,200	4.0	4,800	4.9	116.5	4.4
Colorado	2,267	2.3	3,375	2.6	2,900	3.0	127.9	3.0
New Mexico	1,198	1.2	1,720	1.3	1,360	1.4	113.5	1.5
Idaho	1,415	1.5	2,150	1.6	1,660	1.7	117.3	1.7
Montana	2,245	2.3	3,340	2.5	2,300	2.3	102.4	2.7
All Others	6,045	6.3	7,307	5.6	6,130	6.3	101.4	6.2
48 STATES	96,236	100.0	131,567	100.0	97,949	100.0	101.8	100.0

Source: For 1960 and 1974, Livestock and Meat Statistics, Annual Summaries, USDA for 1960 and 1975. Data for 1990 are from Meat Animals: Production, Disposition, and Income, NASS, USDA, April, 1992.

